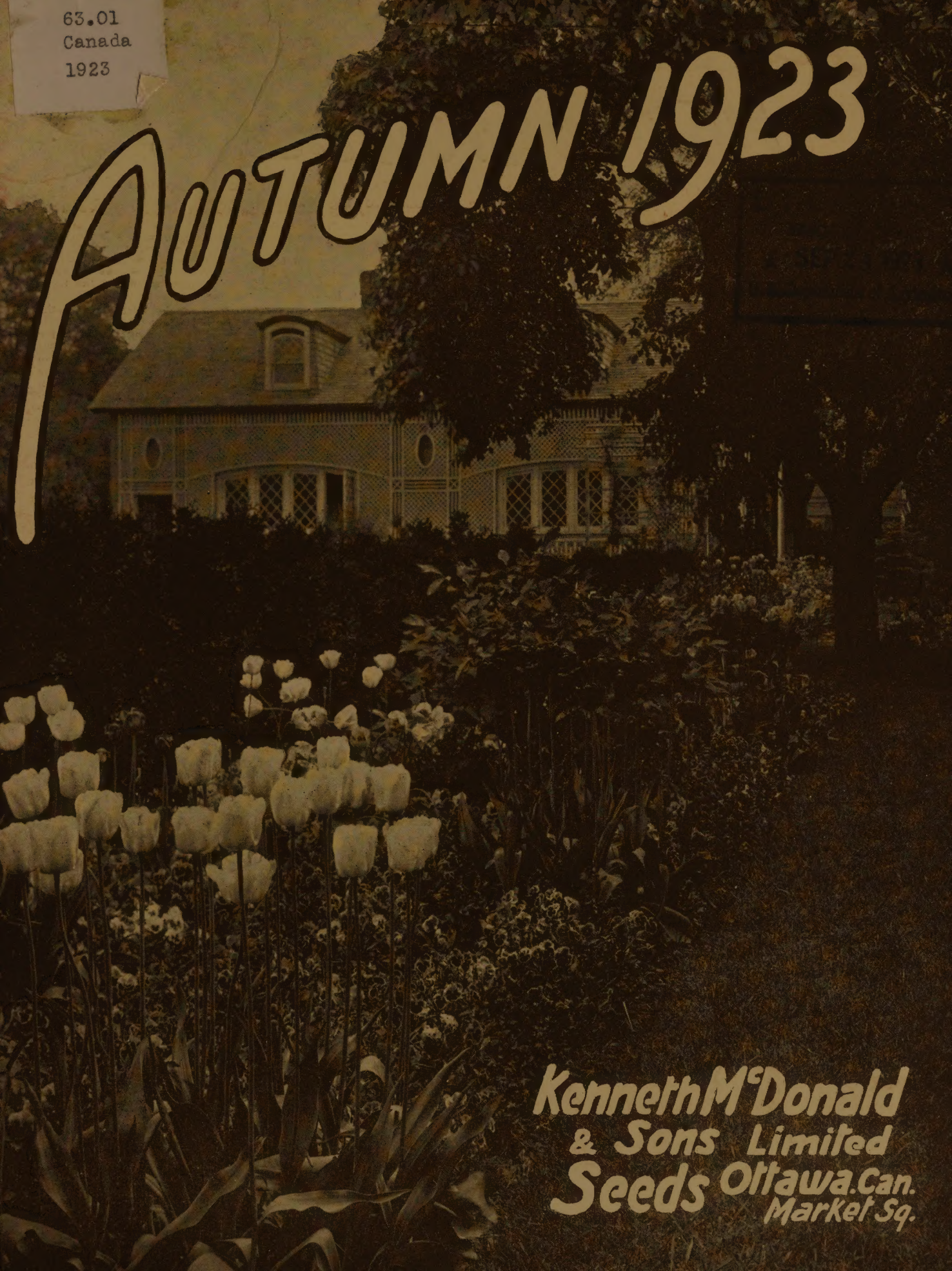


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Canada
1923

AUTUMN 1923



**Kenneth M'Donald
& Sons Limited
Seeds Ottawa Can.
Market Sq.**

How to Grow Bulbs

Your success with bulbs depends principally on providing suitable conditions for the development of the embryo flower which has been formed in the bulb during the previous growing season.

SELECTION OF BULBS—Only firm, well ripened bulbs can produce first class exhibition blooms, the essential point in really good bulbs being density. A serious mistake sometimes made by the inexperienced is planting very cheap, and consequently very poor bulbs, and then expecting as good results as can be obtained from those of better quality; for, as before mentioned the quality of the flowers is to a great extent stored up in the bulb, to be brought to perfection by proper soil, moisture, and temperature conditions.

For best quality Hyacinths indoors use first size bulbs. Second size and third size will give fair blooms. Use second size Hyacinths for garden purposes as they will give as large a flower as will stand up under outdoor conditions. Avoid using mixed Tulips or Daffodils for forcing. They will bloom irregularly and the effect is never as good as when a named variety is used.

Indoor Culture

CULTURE IN POTS.—New pots should be used if possible, and should be thoroughly soaked in water before potting. If old pots are used they should be washed quite clean before using. A good composition for pot culture is made by mixing three parts good garden loam, one part coarse sand and one part leaf mould. However, if this is not available, use any good loamy soil, adding enough coarse sand to make it porous. Good drainage can be secured by placing a piece of broken pot over the drainage hole and about an inch of coarse, open soil with the finer soil over this. Don't press the bulbs into the soil. If you do, the strong root growth may force them up out of the pots. The better way is to put in sufficient soil for the bulbs to rest on at the proper depth, then place the bulbs and fill up around them with more soil. The soil should come within half an inch of the top of the pot and the bulbs should protrude slightly when the soil has been firmed around them. They should then be well watered and put away in a cool cellar or dark room to make root growth. A strong development of the roots is essential to success, and this is best accomplished by keeping them cool, dark and moist. If the bulbs push up when beginning root growth it is better to re-pot them, rather than attempt to push the bulb back into its place. Bulbs should get from six to twelve weeks for rooting, varying according to varieties.



Tulips in Fibre Compost

Do not bring them to the light until they are well rooted, which will be indicated by roots showing through the drainage hole and by the growth of the flower spike at the top. Bring gradually to the full light and heat necessary for forcing, and be sure they are kept quite moist at all times. When the blooms are quite open they can be removed to a lower temperature where the flowers will last much longer.

CULTURE IN FANCY BOWLS—One of the best ways is the "no drainage" method with which the requirements are so simple and the results so sure that it is rapidly becoming the most popular way of flowering bulbs indoors.

One of its chief merits is the fact that it permits any fancy bowl or piece of art pottery being utilized, as the use of the special fibre compost renders drainage unnecessary. Put a few lumps of charcoal in the bottom of the bowl to keep the mixture sweet, and upon this place a layer of the compost thoroughly mixed, and slightly damp to a depth of 2 to 3 inches. Insert the bulbs in the fibre and then fill up with compost to the ordinary level, taking care to have the compost moderately firm, but not tight around the bulbs.

They should then be watered until thoroughly damp, but not sodden, and placed in a cool, dark room or cellar away from frost, but where the air circulates freely. They will need from six to eight weeks to make root growth, during which time they should be regularly examined and watered when necessary. When they are well rooted and showing a little top growth they can be taken into the room where they are to flower and placed near a window. They will need rather more water when they begin to bloom, as the fibre must not be allowed to dry out at any time. It should be kept uniformly damp but any excess of moisture must be avoided. Should too much water be inadvertently given it can easily be poured off.

Outdoor Culture

NOTES ON BEDDING.—The beds should be well dug and loosened to a depth of 12 inches, or more and enriched if necessary with well rotted cow or sheep manure or fertilizer. Fresh manure is injurious to bulbs. Many people use the dibble for putting in bulbs, but we think it well worth while to remove the top soil entirely to the necessary depth, and put in a layer of about 1 inch of coarse sand. The bulbs are then carefully arranged in the sand, and the top soil replaced evenly, using care not to disturb the bulbs. This method ensures even flowering, as all the bulbs are at equal depth. After the ground is frozen hard, cover the beds with three or four inches of leaves, evergreen boughs or dry litter, and remove gradually when spring comes. Do not cover before frost, as this may start top growth prematurely, and do not remove protection too soon as the alternate freezing and thawing might injure the bulbs by breaking the roots.

BULBS IN THE PERENNIAL BORDER—Many of the finest bulbs are particularly adapted for permanent planting in the hardy border. Darwin Tulips suit admirably for this purpose, and will last for years. They look well planted in clumps of 12 to 18 or more of each variety.

The Cottage, Rembrandt, Breeder, Parrot, Bizards and Bybloem types of Tulips are also splendid for border planting. Most of the Narcissi will do well in permanent borders and will often increase and multiply from year to year. They show up to particular advantage if planted beside Paeonies, as their bright coloring contrasts so effectively with the red Paeony shoots coming out of the ground. Crocuses, Scillas, Snowdrops and Chionodoxas can also be used in the hardy border and are very effective.

BEDDING TABLE

Table showing number of bulbs required to fill a circular bed of dimensions given below. A square bed requires about same number of bulbs. To find number required for an oval bed, add length and breadth and divide by 2.

Diameter of Bed	3	4	5	6	7	8	9
	Ft.	Ft.	Ft.	Ft.	Ft.	Ft.	Ft.
Bulbs 4 inches apart.....	68	118	181	260	351	457	577
Bulbs 5 inches apart.....	45	77	118	168	226	296	371
Bulbs 6 inches apart.....	35	55	84	118	159	206	260
Bulbs 8 inches apart.....	21	33	49	68	91	118	148

GROWN FOR
KENNETH Mc DONALD & SONS LTD
OTTAWA CANADA



A field of Hyacinths L'Innocence growing for us in Holland

McDonald's Bulbs of Quality

DIRECT from Holland we bring to you all that is best and newest in Tulips, Hyacinths, and Daffodils. Japan sends us her most beautiful Lilies. Narcissi from France, Sacred Lilies from China, wherever bulbs bloom best, we bring them to you.

At our Maplewood Nurseries, we grow Irises, Peonies, and Phloxes in numbers and variety not exceeded in the Dominion. This list offers you most of the best kinds in cultivation, varieties that are worthy to uphold the high standard of quality we have set for McDonald's Bulbs and Plants.

SPECIAL FREE DELIVERY OFFER—We will deliver all bulbs and plants listed in this catalogue charges prepaid to any station in Ontario or Quebec provided cash accompanies the order.

This offer applies **ONLY TO BULBS AND PLANTS** ordered from this catalogue. We will send such orders by express, parcel post or freight, at our option.

ORDER EARLY.—The best time to order your bulbs is just as soon as you get this catalogue. Don't put off till the season is well advanced, as many varieties are short in supply and will be sold out early. Should any item on your order be sold out we will send you the nearest variety in stock unless you advise us that you don't wish any substitution.

NAME AND ADDRESS.—When ordering, please use Order Sheet supplied with this catalogue. Write distinctly, giving name and full address. Orders sometimes reach us in which the name or post office address is lacking. It is impossible to fill orders of this description until the same have been identified.

HOW TO SEND MONEY.—Cash should accompany all orders. We assume all responsibility of amounts reaching us when sent by any of the following methods: Post Office Order, Express Order, Bank Draft or Registered Letter.

Kenneth McDonald & Sons Limited

BULBS, PLANTS, TREES, AND SHRUBS.—We endeavor always, to supply bulbs, plants, trees, and shrubs, true to name, and of highest quality, but since we have no control over weather and soil conditions, improper planting, or neglect, we make no guarantee of the success of goods after delivery to purchaser. The utmost care is taken in packing, and goods leave us in first-class condition. If, by any chance, the stock sent you, does not arrive in good order, we must be advised immediately, and we will replace. In the event of plants being mislabeled, we will, on proper proof, replace such plants with the correct variety, or refund the original purchase price. Beyond this, we assume no responsibility.

TIME OF SHIPMENT.—Most of the bulbs are ready to ship by the end of September. A few sorts which do not mature till October or November are noted in the catalogue. Unless otherwise instructed we will send the early bulbs as soon as ready, and the late maturing sorts when in good condition to ship.

The Newer Irises

ONLY THOSE

who are keeping in touch with the wonderful development of the Bearded Iris, know the splendid advance in form and color displayed by the newer varieties. The last few years have seen the advent of glorious new sorts, which far surpass the older sorts in beauty and vigor. During the past June, a large number of visitors enjoyed with us, at Maplewood, the viewing of many of the latest Iris introductions, and compared them with the older and better known sorts. All of the newer Irises listed hereunder, we have grown, and can recommend. They are of marvelous beauty, and far in advance of most of the standard varieties.



AMBASSADEUR

One of the leading novelties.

7025. AMBASSADEUR.—(Vilm. 1920) 9.4.—“S” reddish violet. “F” broad and deep velvety purple. Large blooms of the Dominion class. Beard yellow. An exceptionally fine variety and superior to anything in its color. Each, \$3.00.

7042. ASIA.—(Yeld 1920) 9.2—A.M., R. H.S. Entirely distinct. Flowers are unusually large, with fine, bold, upstanding foliage. Stems strong and vigorous, bearing large flowers of unusual substance, and fine form. “S” broad and massive, pale silvery lavender, deepening at the base to yellow. “F” pale reddish-purple, lightening in color towards the margin. The haft exceptionally broad and heavily reticulated brown on a white ground with gold margin. Each, \$6.

7050. BALLERINE.—(Vilm. 1920) 9.4.—This variety fully deserves the high rating given it. A tall, vigorous plant, with branching stems, bearing immense blooms measuring six inches in height. “S” light violet-blue, waved at edges. “F” of a deeper shade. Wonderfully fragrant. Each, \$4.00.

7163. EDEN PHILLPOTTS.—(Perry 1922) Immense flowers 6” in height. Color, a uniform shade of bright steel blue; conspicuous golden beard. Standards well held. Falls long and broad. A flower of perfect shape. Each, \$3.00.

7287. LENT. A. WILLIAMSON.—(Williamson 1918) 9.6.—Standards very broad, soft campanula violet. Falls very large velvety royal purple. Golden beard. Extra large flower. Strong grower. Magnificent. Awarded highest rating of any variety by American Irish Society. Each, \$2.50.

7288. LORD OF JUNE.—(Yeld 1911) 9.1.—A variety which will always retain its high position among Irises.

Flowers, very large, of clear coloring. “S” lavender-blue; “F” of a deeper shade. Orange beard, reticulated brown at haft. Each, \$2.00.

7310. MAGNIFICA.—(Vilm. 1920) 9.1.—The largest flowered Iris ever raised by Vilmorin, whose introductions include many of our large flowering varieties. “S” clear violet-blue. “F” very long reddish violet, stripped brown at base. Each, \$4.00.

7316. MLE. SCHWARTZ.—(Denis 1916) 8.7.—One of the best of the Denis Seedlings. Color is of palest mauve, much lighter than Pallida Dalmatica. Flowers exceptionally large and fine. Each, \$6.00.

7360. OPERA.—(Vilm. 1916) 8.7.—Vigorous plant, free-flowering, 30”. Beautiful habit. Flowers large. “F” purple violet. Very deep and velvety. Yellow beard. “S” full bright reddish lilac. This variety always attracts favorable attention. Each, \$1; 3 for \$2.50.

7501. SHEKINAH.—(Sturtevant 1918) 8.8. Lovely lemon yellow, deepening to rich yellow around its bright orange beard. Of Pallida growth. 36”. \$5.00.

7502. SOUVENIR DE MME GAUDI-CHAU.—(Millet 1914) 9.3.—A grand, deep, velvety violet-purple bicolor, of extraordinary brilliancy of coloring. One of the most striking of all Bearded Irises. Each, \$5.00.

7504. SWEET LAVENDER.—(Bliss 1919) 8.5.—“S” beautifully waved, of French grey-lavender. “F” rosy lavender. Flowers of good size, perfect in form. Very distinct. 35”. Each, \$4.50.

7518. ZOUAVE.—(Vilm.)—Standards soft lilac. Falls are very broad, spreading, finely dotted with light violet and stripped at base. Very floriferous. 24”. Very scarce. Each, \$4.

THERESE

The Best Pink Peony

This is a peony introduced in 1904 by Dessert of France and is recognized throughout the world as the best all round pink peony—in fact we doubt very much if any peony of any color can surpass it. In spite of its having been introduced some 20 years ago, stock of Therese is still extremely scarce, in fact it is practically unobtainable in Europe today.

It is an exceptionally attractive flower of glossy flesh, lightly shaded pink in the centre. Very large compact rose type, later developing a high crown. Strong, vigorous grower and a free bloomer. Perfect in every respect. Each, \$6.00.

Novelties for 1923

On this page, we list some new and choice varieties which are among the finest in cultivation. These have all been thoroughly tested, —many of them by ourselves,—and we can assure our friends of worthwhile sorts that are both new and distinct. These varieties are still comparatively scarce, and only a limited quantity is available.

New Breeder Tulips

BACCHUS.— Immense flower, of rich dark violet-blue, base starred white. One of the best dark tulips. Height 28". Each, 25c; Doz., \$2.50.

HELOISE.—Beautiful shade of dark brown, shaded old rose. Yellow base marked olive green. Height 28". Each, 30c; Doz., \$3.

LOUIS XIV.—Rich, dark purple with a shade of steel blue, heavily flushed bronze. Edges golden brown. Immense broad petals. One that always attracts favorable comment. Height 28". Each, 25c; Doz., \$2.50.

ORANGE BEAUTY.—Rich terra cotta edged deep orange with yellow centre starred black. Large, showy flower with color tone as bright as any Darwin. Height 27". Doz., 85c; 100, \$6.00.

ST. JAMES.—Dark, rosy lilac, edged bronze and flushed coppery rose. Inside is mahogany edged brown, with green and yellow markings at base. Height 28". Each, 45c; Dozen, \$4.50.



Klondyke

The New Daffodils

KING GEORGE.— Poeticus — A beautiful novelty which can be forced earlier than any other of this class. Flowers are pure waxy white with yellow cup margined deep orange-red. Grand, strong stems for cutting; flowers large and very substantial. Height 18". Doz., 85c; 100, \$6.00.

KLONDYKE.—Poetaz.—Perianth even tone of pure bright yellow, with golden yellow eye. A new variety of remarkable size and vigor, giving 6 to 8 flowers on a stem. Height 18". Doz., \$1.75; 100, \$12.25.

SPRING GLORY.—Bicolor trumpet.—Long trumpet of deep golden yellow beautifully reflexed at mouth. Clear white perianth with finely formed, long, white petals. One of the finest new Daffodils, very large and a vigorous grower. Good for pots or outdoors. Height 16". 3 for stem. Height 18". Doz., \$1.75; 100, \$12.50.

WHITE LADY.—Leedsii.—Perianth creamy white with broad, well-formed petals. The small central cup is pale canary, beautifully crinkled. A dainty specimen of the new Daffodils. Free blooming and well suited to outdoor growing, and an exquisite variety for pots or as a cut flower. Height 20". Doz., 95c; 100, \$7.00.

New Darwin Tulips

BARTIGON.—A very showy Darwin of fiery crimson with white base. A gem for borders. Height 26". Doz., 75c; 100, \$5.25.

FEU BRILLIANT.—Deep crimson-scarlet with steel-blue base and white halo. Inside bright carmine-red. A splendid flower, unsurpassed for beds or borders. Height 25". Doz., 75c; 100, \$5.25.

GLOW.— (Claude Gillot). — Bright vermilion-scarlet, with white base marked blue. The form is quite distinct, and makes it one of the finest scarlet Darwins for border planting. Height 23". Doz., 80c; 100, \$5.75.

JUBILEE.—Very large flower of bright blue-purple with white base, marked blue. Superb open bloom with splendid lasting qualities. The best Darwin of this color. Height 28". Each, 20c; doz., \$2.00.

MASSENET.— A wonderful bloom of deep rose with broad margin of creamy white; base marked bright blue. An exquisite flower of large size. Height 30". Doz., \$1.25; 100, \$10.00.

New Cottage Tulips

AVIS KENNICOTT.— Deep chrome-yellow, with conspicuous black base and anthers. A showy variety of bright coloring and great beauty. Height 25". Doz., \$1.10; 100, \$8.00.

SCARLET EMPEROR.—Dazzling scarlet flowers of large size on strong stems. Height 22". Doz., \$1.00; 100, \$7.20.

Iris Tingitana

This is, without doubt, the best of the early flowering bulbous Irises. It is the result of a cross between the Spanish and Dutch, and is rapidly becoming popular for forcing, being particularly useful for cutting. Color, rich, deep blue. Doz., 75c; 100, \$5.50.

Our Back Cover

The scene on our back cover, is from a photograph of the beautiful Iris Garden at the Central Experimental Farm, Ottawa. The collection of specimens illustrates some of the newer varieties grown at our Maplewood Nurseries, as follows:— 1—Opera; 2—La Neige; 3—Sweet Lavender; 4—Zouave; 5—Lord of June; 6—Magnifica; 7—Eden Phillpotts; 8—Ambassadeur; 9—Asia; 10—Shekinah; 11—Lent A. Williamson; 12—Ballerine. We offer one each of the above twelve new and rare varieties for \$30.00, postpaid.

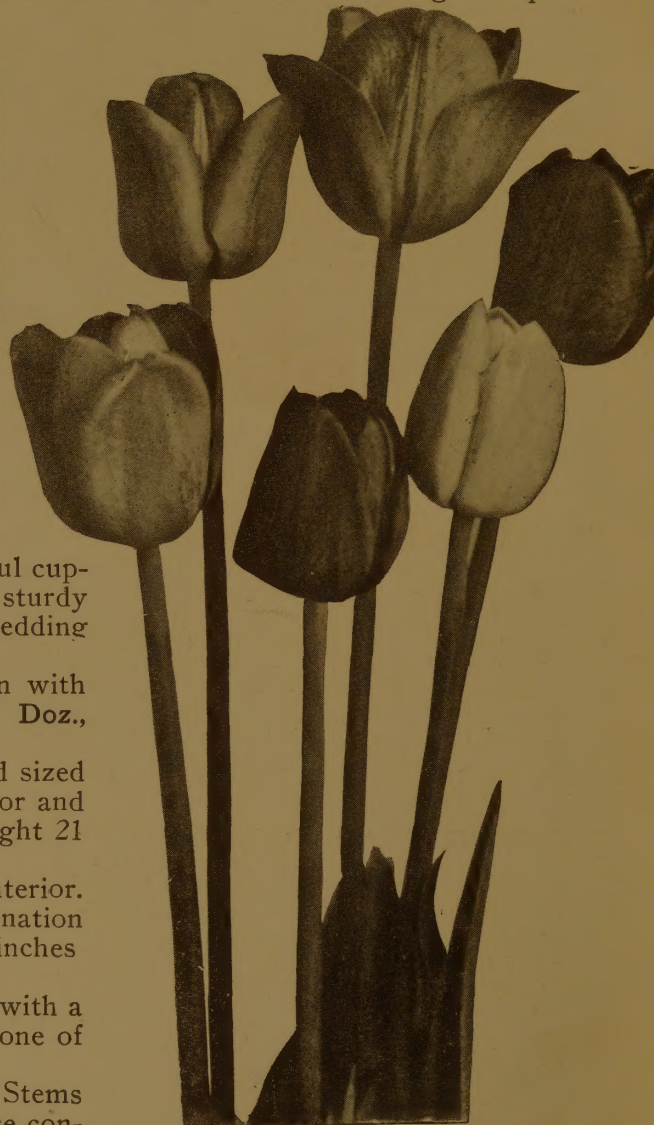
Giant Darwin Tulips



Mr. Farncombe Sanders.

GARDEN lovers everywhere have given these stately varieties a permanent place in their favour. These are conceded to be the finest of all Tulips for the herbaceous border. Their majestic beauty, marvellous range of colors, long stems and entire hardiness make them eminently suitable for this purpose or for massing in groups along the edge of shrubbery. When planted in bold clumps of twelve or more of one variety they afford one of the most effective displays in the garden. Many sorts force well and are easy to handle if kept back till about the middle of February and brought on slowly. Nearly all shades are represented among them, but there are no clear yellows, and where this color is desired we recommend Inglescombe Yellow or Gesneriana Lutea from the Cottage Tulips.

The Darwins are rectified forms of the old Breeders. Their great beauty was first recognized by one of the famous Dutch growers who deemed them worthy of forming a new race which he named in honor of the great evolutionist Charles Darwin.



Mixed Darwin Tulips.

BARONNE DE LA TONNAYE—A large and beautiful cup-shaped flower of bright rose, margined blush-rose. A sturdy variety keeping its color well and one of the best for bedding or forcing. Height 26 inches. Doz. 45c; 100, \$3.15.

BARTIGON—A very showy Darwin of fiery crimson with white base. A gem for borders. Height 26 inches. Doz., 75c; 100, \$5.25.

CLARA BUTT—Clear pink, flushed salmon-rose; good sized flower of handsome shape. The finest Darwin of its color and extensively used in beds and borders. Good forcer. Height 21 inches. Doz., 45c; 100, \$3.15.

DREAM—Rosy lilac and mauve with claret-purple interior. Large flowers of perfect form, very handsome in combination with the dark lavender and purple shades. Height 27 inches. Doz., 50c; 100, \$3.35.

EDMEE—(Beauty)—A beautiful shade of cherry rose with a lighter border. It's wonderfully vivid color makes it one of the finest. Height 25 inches. Doz., 70c; 100, \$5.00.

EUROPE—Glowing fiery crimson with white base. Stems are strong and the flower large and erect with white base contrasting well when the flower is fully open. Very fine for borders and splendid for forcing. Height 22 inches. Doz., 75c; 100, \$5.25.

Bulbs of Quality



TRADE MARK



EUTERPE—A beautiful shade of mauve, edged lilac, white center with a blue halo. A long flower of exquisite coloring. The finest lavender Darwin for forcing. Height 28 inches. Doz., 50c; 100, \$3.35.

FLAMINGO—An even tone of delicate shell pink. This is an unusually pretty flower of magnificent shape. Flowers of medium size. Height 28 inches. Doz., 65c; 100, \$4.50.

ISIS—A new variety of the most intense fiery scarlet with blue base; very large flower of striking beauty. Height 26 inches. Doz., 70c; 100, \$4.80.

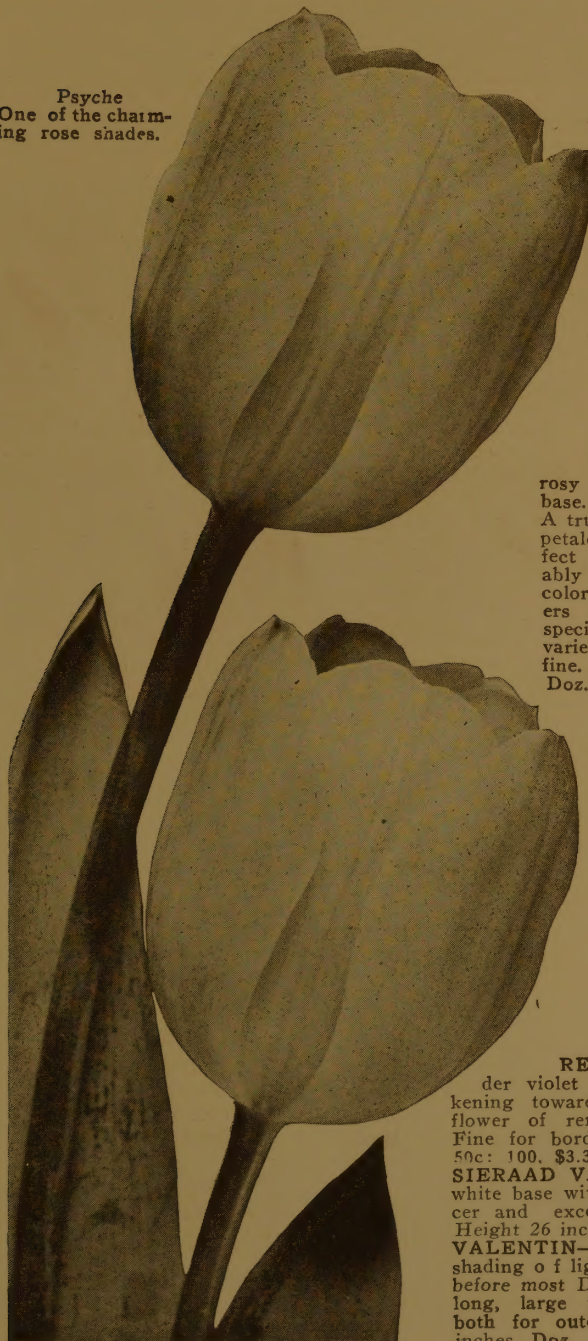
KING HAROLD—Very large flower of perfect form and unique coloring. Deep oxblood red with purple-black base. A superb, strong stemmed variety for the border. Height 24 inches. Doz., 60c; 100, \$4.35.

LA TULIPE NOIRE—(The Black Tulip)—One of the darkest tulips in cultivation being a deep maroon-black with a velvety sheen in sunlight. Flowers large and vigorous. Height 25 inches. Doz., 70c; 100, \$4.80.

FEU BRILLANT—Deep crimson scarlet, inside carmine red with steel-blue base marked white. Splendid for beds or borders and a good forcer. Doz., 75c; 100, \$5.25.

MARCONI—Blue-purple with maroon shading, changing to ashy purple; white base. An unusually large flower whose delicate coloring shows up most beautifully in late afternoon. Height 22 inches. Doz., 55c; 100, \$3.85.

Psyche
One of the charming rose shades.



MARGARET (Gretchen)—A very beautiful flower of pale silvery rose, flushed white, inside soft pink with white centre marked blue. Large globular flower on stiff stalk and one of the best forcing varieties. Height 22 inches. Doz., 40c; 100, \$2.85.

MR. FARNCOMBE SANDERS—One of the largest flowers among the Darwins; brilliant dark rosy red with white base. Long stiff stems. A truly gigantic, broad petaled flower of perfect shape and probably the best of this color either for borders or forcing. Our special stock of this variety is particularly fine. Height 25 inches. Doz., 60c; 100, \$4.00.

REV. H. EWBANK—Soft lavender violet with silvery gray flush darkening toward the white base; good-size flower of remarkably beautiful coloring. Fine for borders. Height 22 inches. Doz., 50c; 100, \$3.35.

SIERAAD VAN FLORA—Vivid rosy red, white base with blue markings. A good forcer and excellent for outdoor planting. Height 26 inches. Doz., 55c; 100, \$3.85.

VALENTIN—Fine soft heliotrope with shading of light violet, blue base. It blooms before most Darwins and carries a beautiful long, large flower. A magnificent Tulip both for outdoor and forcing. Height 22 inches. Doz., 80c; 100, \$5.75.



Clara Butt.

OUIDA—Crimson scarlet, with slight purplish bloom, and white base starred dull blue. A fine bedding variety, good keeper and valuable for massing in the border. Height 25 inches. Doz., 60c; 100, \$4.35.

PRIDE OF HAARLEM—Brilliant rosy carmine, with blue base; very large flower of superb form, borne on tall strong stems; a wonderful tulip both for its glorious color and its stately habit. Flowers are sweet-scented and usually have more than six petals, giving a semi-double appearance. Unsurpassed for borders and a sure and early forcer. Height 26 inches. Doz., 40c; 100, \$2.85.

PRINCESS ELIZABETH—Large flower of perfect shape, quite like a rose bud when opening. Beautiful clear deep pink, changing to rose-pink, white base. A splendid variety for the perennial border. Height 26 inches. Doz., 95c; 100, \$6.75.

PROFESSOR RAUWENHOFF—Bright cherry-red, with scarlet glow inside and remarkably brilliant blue base; enormous flower of great substance on a strong stem. Superb for borders or among shrubbery, and for early forcing. Height 28 inches. Doz., 70c; 100, \$4.80.

PSYCHE—One of the first Darwins to bloom. Silvery rose, edged soft rose with beautiful pale blue center. Large handsome flower of good shape. Very beautiful in clumps and one of the best for forcing. Height 26 inches. Doz., 50c; 100, \$3.35.

REVEREND D'OMBRAIN—Fiery crimson-red, inside currant red, with blackish blue base starred white. Beautiful for late forcing and splendid for bedding. Height 26 inches. Doz., 80c; 100, \$5.75.

ZULU—Glossy purple black of velvety texture with pointed petals. Large egg shaped flower. Splendid for clumps and a good forcer. Height 27 inches. Doz., 50c; 100, \$3.35.

McDONALD'S SUPERB MIXED DARWINS—The increasing popularity of the Darwin Tulips has brought out a great many splendid varieties too numerous to list separately. The mixture we offer is composed of the best of these in equal quantities with the named varieties listed here. It contains more distinct varieties than any other mixture you can buy. Doz., 40c; 100, \$3.00.

New Breeder Tulips

THE newer varieties among the breeders are wonders for size and stateliness, many of them outclassing even the most gigantic Darwins. They are unbroken forms of the old-time florists' Tulips. From them were derived the striped and feathered varieties now classed as Rembrandts.

Breeders are of vigorous growth and have characteristic, large, self-colored blooms, many of them deliciously fragrant. Strangely somber tones of bronze, buff and brown give artistic possibilities possessed by no other class. Many of them can be forced, but their majestic beauty is seen to best advantage in the perennial border where they contrast so effectively with the livelier colors of the Darwins and Cottage Tulips.

BACCHUS—Immense flower of rich, dark violet blue, base starred white. One of the best dark Tulips. Height 28 inches. Each, 25c; Doz., \$2.50.

BRONZE QUEEN—One of the largest and finest of the new Breeders growing 28 inches high, soft buff tinged golden bronze inside with yellow base. Superb for the border. Height 28 inches. Doz. 60c; 100, \$4.35.

DOM PEDRO—A very large, fragrant Tulip of coffee-brown, with narrow edge of golden brown; dark reddish mahogany inside. Contrasts most effectively with the lighter Breeders. Height 24 inches. Each, 20c; Doz., \$2.00.

FAIRY—Enormous globular flower of reddish mahogany inside with bronze shading. An extra large flower of artistic character. Height 24 inches. Doz. \$1.00; 100, \$7.20.

GODET PARFAIT—Dark plum violet with white base and blue markings. A splendid Breeder for growing in the border. Height 30 inches. Doz. \$1.20; 100, \$8.50.

GREAT SAMSON—Violet purple with edge of clear bronze yellow and purple bloom. Inside lilac bronze with blue-green base, starred yellow. Large flower of attractive coloring. Height 25 inches. Doz., \$1.50; 100, \$10.

HELOISE—Beautiful shade of dark brown, shaded old rose. Yellow base marked olive green. Height 28 inches. Each, 30c; Doz., \$3.00.

JAUNE D'OEUF—Lively yellow, with broad lilac stripe; inside dark yellow, flushed apricot at base; an old but large and attractive flower of distinct shape. Height 21 inches. Doz., 55c; 100, \$4.00.

LA SINGULIERE—Opening silvery white, heavily flushed at margin with dark crimson-maroon, which later suffuses the whole flower. Very large and distinct. Height 25 inches. Doz., 70c; 100, \$5.00.

LOUIS XIV—Rich, dark purple with a shade of steel blue, heavily flushed bronze. Edges golden brown, Immense broad

petals. One that always attracts favorable comment. Height 28 inches. Each, 25c; Doz., \$2.50.

ORANGE BEAUTY—Rich terra cotta edged deep orange with yellow center starred black. Large, showy flower with color tone as bright as any Darwin. Height 27 inches. Doz., 85c; 100, \$6.00.

ST. JAMES—A large flower of dark rosy lilac edged bronze, with flush of coppery rose at tips of petals; inside ruddy mahogany edged golden brown with yellow base marked green. Height 28 inches. Each, 25c; Doz., \$2.50.

TURENNE—One of the earliest Breeders to bloom. Purplish brown with broad margin of amber yellow, and yellow base. Large and beautiful. Height 30 inches. Each, 15c; Doz., \$1.20; 100, \$9.

VULCAIN—Reddish apricot with broad margin of bright buff-yellow. A beautifully shaped flower and unlike any other Breeder. Height 25 inches. Each, 25c; Doz., \$2.50.

YELLOW PERFECTION—Bright bronze-yellow with deep golden yellow edge. Yellow base with green star. A large strong flower of great beauty. Height 24 inches. Doz., 70c; 100, \$5.25.

VELVET KING—A particularly handsome flower of dark glossy purple maroon, with yellowish base marked blue. A large bloom with splendid lasting qualities. Splendid for border planting. Height 25 inches. Each, 15c; Doz., \$1.50.

MIXED BREEDER TULIPS—A splendid mixture containing many varieties ranging from beautifully flushed white to deep wine-red, art bronze and darkest maroon. Doz., 60c; 100, \$4.50.

DEPTH AND DISTANCE APART TO PLANT BULBS

The following table shows clearly the proper distance to set bulbs apart:—The depth given is to the crown of the bulbs, that is if depth is given as four there should be four inches of soil on top of the bulbs.

	Inches Deep	Inches Apart		Inches Deep	Inches Apart
Anemones...	1	6	Jonquils....	3	6
Chionodoxas	2	2	Liliums....	5	14
Crocuses...	2	2	Narcissi....	4	8
Daffodils...	4	8	Scillas....	3	3
Hyacinths..	4	6	Snowdrops..	2	3
Irises.....	3	5	Tulips.....	4	5



Cottage Tulips (Late or May Flowering)

Many of the finest tall growing sorts are in this class. They bear very large, brilliantly colored and elegantly shaped flowers of great substance. Their great value as decorative garden subjects is now highly appreciated, while their large size and long, stiff stems make them invaluable for cutting. Many varieties, especially the yellows are often planted with the Darwins for effects of contrast.

BLUSHING BRIDE—Rose-pink, slightly shaded white. Superb flower. Height 20 inches. Doz., 45c; 100, \$3.15

BOUTON D'OR—Deep chrome-yellow, with black anthers; medium sized, cup shaped flower. Very useful for cutting and can be forced for late bloom. Height 22 inches. Doz., 50c; 100, \$3.35

FAIRY QUEEN—One of the loveliest of the Cottage Tulips. Soft rosy lilac, with a broad amber-yellow margin. Large flower of perfect form. Height 20 inches. Doz., 45c; 100, \$3.00.

GESNERIANA LUTEA—Purest golden-yellow, flowers on strong stems. Height 24 inches. Doz., 45c; 100, \$3.10.

GESNERIANA SPATHULATA—Bright scarlet with dark blue base. Fine large flower on tall stem; very effective against a shrubby background. Height 24 inches. Doz., 45c; 100, \$3.10.

GRENADIER—Bright reddish orange. A new Tulip of great beauty. Flowers long and handsome on graceful stems. Height 24 inches. Each, 25c; Doz., \$2.50.

INGLESCOMBE PINK—Soft rosy pink with salmon flush changing to rose. Large globular flower of distinct form, superb for borders and late forcing. Height 24 inches. Doz., 50c; 100, \$3.60.

INGLESCOMBE YELLOW—This variety is frequently called the "Yellow Darwin" as it is so often used in combination with Darwins in the herbaceous border or among shrubbery. The color is a glossy canary-yellow, with large globular flower, on strong stem. Height 24 inches. Doz., 45c; 100, \$3.00.

JOHN RUSKIN—One of the most striking novelties among the Cottage Tulips. Apricot-rose and mauve with an edging of soft lemon yellow. Large flower of fine shape on a graceful stem. Height 18 inches. Doz., 75c; 100, \$5.25.

LA MERVEILLE—Orange-scarlet flushed rose with yellow centre; very long, large flower of exquisite form, deliciously scented. A superb variety for borders. Height 20 inches. Doz., 45c; 100, \$3.15.

MISS ELLEN WILLMOTT—Soft chrome yellow turning to deeper yellow. Large, long flower on a strong stem. Petals reflexed like Picotee. Height 18 inches. Doz., 55c; 100, \$3.80.

PICOTEE—(Maiden's Blush)—This is one of the finest and most distinctive varieties among the Cottage Tulips, the color being a clear glistening white, with margin of deep rose, which later suffuses the whole flower. The gracefully reflexing petals and elegant shape makes it a general favorite. Height 20 inches. Doz., 45c; 100, \$3.50.

SIRENE—A beautiful and most elegant tulip novelty which is the finest of the new "Lily Flowered" type. It was derived by crossing Tulip Retroflexa with a pink Darwin. The color is a glistening satiny rose with pale pink at the margins of the segments and a pure white base. Height 20 inches. Each, 15c; Doz., \$1.50.

These are broken forms of the finest type of Darwins, beautifully striped and feathered into strange variegations of color possessing great decorative value. They flower about the same time as the Darwins and require like treatment.

LA COQUETTE—Violet, flamed dark purple and white. A very handsome flower. Height 20 inches. Doz., 65c; 100, \$4.75.

LE PRINTEMPS—Lilac and white flamed dark red. Very beautiful. Doz., 65c; 100, \$4.75.

QUASIMODO—White feathered bright carmine; large flower, fine for cutting. Height 23 inches. Doz., 65c; 100, \$4.75.

SEMELE—White, heavily striped and feathered old-rose. A piece of very quaint coloring. Height 25 inches. Doz., 65c; 100, \$4.75.

The petals of these Tulips have peculiarly fringed and feathered edges and in addition to other colors combine shades of green, a peculiarity confined to this class. Suitable for outdoor cultivation only.

CRIMSON BRILLIANT—Rich blood-crimson, with black markings. Very handsome. Doz., 60c; 100, \$4.50.



Cottage Tulips.

MOONLIGHT—A soft yet bright canary yellow with outer petals slightly reflexed. Long oval flower of great beauty. One of the finest Cottage Tulips. Superb for borders and good for late pot culture. Height 25 inches. Doz., 50c; 100, \$3.50.

THE FAWN—Pale rosy fawn, changing to cream flushed blush rose; large egg-shaped flower of exquisite beauty on a graceful stem. A gem among late Tulips. Height 20 inches. Doz., 55c; 100, \$3.60.

COTTAGE TULIPS MIXED—A splendid mixture containing many varieties. All colors mixed. Doz., 40c; 100, \$3.00.

Rembrandt Tulips

VICTOR HUGO—Brilliant carmine-red feathered and flamed white. Large flower. One of the finest Rembrandts. Height 24 inches. Doz., 45c; 100, \$3.50.

WEDDING VEIL—A striking novelty of dark violet shaded soft heliotrope lilac, striped white. A very beautiful variety. Height 22 inches. Doz., 65c; 100, \$4.75.

APOLLO—Lilac rose striped white and carmine. Large flower of handsome markings and distinct shape. Height 23 inches. Doz., 65c; 100, \$4.75.

MIXED REMBRANDT TULIPS—A choice mixture containing many varieties of this type. Doz., 50c; 100, \$3.75.

Parrot Tulips

ADMIRAL DE CONSTANTINOPLÉ—Large, red flowers tipped with orange. Doz., 60c; 100, \$4.50.

LUTEA MAJOR—Large, bright yellow with stripes of green and crimson. Doz., 60c; 100, \$4.50.

RUBRA MAJOR—Large blood-red with serrated edge. Handsome. Doz., 60c; 100, \$4.50.

PARROT TULIPS MIXED—A good assortment of these quaint varieties. Doz., 55c; 100, \$4.00.



Parrot Tulips



Single Early Tulips

The Early Tulips are among the most brilliant and popular flowers we have. They are very beautiful and effective, their colors being exceedingly rich and charmingly diversified. The effect produced by a fine bed of tulips is at once striking and picturesque, as almost every variation of color is possible among them. For attractive display outdoors the Tulip has no rival and its easy culture makes it a universal favorite. For pot culture indoors they are very satisfactory, and should be more extensively grown. Put 4 or 5 bulbs in a 6 inch pot or 7 or 8 in a 7 inch pot and treat the same as Hyacinths with the exception that the pots should be kept at a lower temperature after being brought to the light. When kept too warm the flowers will frequently open inside the leaves, but if grown at a temperature of about 60 degrees they will develop more naturally and greatly help to cheer the wintry months with their wonderful display of bloom. For outdoor culture in beds or borders they should be planted 4 inches deep and 5 or 6 inches apart. A little sand placed under each bulb is of material advantage in providing good drainage.

Letters E., M. or L. denote early, medium or late flowering. Figures give height in inches. Six of a kind at dozen rates; 25 of a kind at 100 rates.

Crimson and Scarlet.

BELLE ALLIANCE (Waterloo)—(E. 9) Rich crimson scarlet with yellow centre. Very fine for bedding and extra for forcing. Doz., 65c; 100, \$4.50.

COULEUR CARDINAL—(L. 12)—Brilliant crimson scarlet with purplish bloom outside and yellow base. Superb bedder and splendid for late forcing. Doz., 80c; 100, \$5.75.

DUSART—(M. 12).—Deep crimson-scarlet with centre of greenish yellow. Large flower of fine form. Splendid bedder. Doz. 55c; 100, \$3.80.

MAES—(M. 12)—Dazzling scarlet with darker tone inside; a flower of model form and one of the finest reds for bedding. Doz., 55c; 100, \$3.80.

PRINCE OF AUSTRIA—(M. 13)—Bright coppery red and delicately scented. One of the easiest forcers with great lasting qualities. Doz., 60c; 100, \$4.30.

VERMILION BRILLIANT—(E. 12) No red variety excels this in brilliancy being a bright glistening scarlet with yellow base. Large flower of perfect shape. One of the choicest bedders and fine for forcing. Doz., 95c; 100, \$6.70.

White.

LADY BOREEL—(Joost Van Vondell White) (E. 12)—Largest and most intense of the white early tulips, a favorite variety for bedding and one of the best early forcers. Doz., 60c; 100, \$4.30.

LA REINE—(Queen Victoria)—(E. 10)—This tulip is well known as the best white tulip for forcing and bedding. Its color is white daintily suffused with delicate pink. Doz., 40c; 100, \$3.00.

WHITE HAWK—(M. 12)—A magnificent pure white with large globular flowers of great substance exquisitely formed with crinkled petals. Doz. 80c; 100, \$5.50.

WHITE SWAN—(L. 12)—Large pure white of true egg shape. Fine for cutting. Doz. 60c; 100, \$4.00.

Pink and Rose.

COTTAGE MAID—(M. 10)—A lovely pink and white flower of immense size. One of the loveliest tulips for pots or beds as the color is most unique and charmingly suffused and feathered. Doz. 60c; 100, \$4.00.

HOBBEEMA—(L. 13)—This is an exceptionally late variety, blooming about the same time as the Cottage Tulips. Old rose flushed buff a very large, globular flower with rounded petals and carried on a strong stem. Doz., \$1.15; 100, \$8.00.

Bulbs of Quality



TRADE
MARK



PINK BEAUTY—(M. 12)—Bright cherry-rose, centre of petals striped white. It has no equal as a bedder, for the stem is strong and the white center of the big fleshy petals shows up very conspicuously against the broad vivid rose edges. Beautiful in pots, but should not be forced before March. Doz., \$1.15; 100, \$8.00.

PROSERPINE—(Queen of Tulips)—(E. 14)—Magnificent large flower of glossy carmine shaded rosy pink, forces easily and early. The flower is large, of graceful shape and deliciously scented. Doz., \$1.10; 100 \$7.75.

QUEEN OF THE NETHERLANDS—(M. 13)—Beautiful pale rose flower of large size. One of the finest pale pink Tulips for bedding. Good for forcing, retaining its delicate color well if not forced too hard. Doz., 60c; 100, \$4.30.

ROSE LUISANTE (M. 10)—Rich dark silky rose flowers of large size. One of the very finest rose tulips. Doz., \$1.00; 100, \$7.20.

Yellow and Orange.

CHRYSOLORA—(M. 12)—Beautiful deep golden yellow flower of fine globular shape. Splendid for bedding and a good forcer. Doz., 45c; 100, \$3.20.

GOLD FINCH—(M. 10)—This is the modern type of the old favorite Yellow Prince which has been discarded on account of the brownish red streaks which frequently marred the bloom. Gold Finch is purest chrome yellow and retains its clear colour perfectly. Good bedder and forcer. Doz., 55c; 100 \$3.85.

MON. TRESOR—(E. 10)—Pure golden yellow, extra large flower of fine form and substance. Very easily forced. Doz., 50c; 100, \$3.50.

FRED MOORE—(M. 12)—An improved form of Thomas Moore. Deep ruddy apricot, shading at the edges to orange-yellow, center marked olive green. Good bedder and a lovely color when forced. Doz., 45c; 100, \$3.10.

Striped and Margined.

JOOST VAN VONDELL—(E. 7)—Beautiful glossy, rosy red, flaked with pure white, a beautiful distinct flower and very large. Doz., 45c; 100, \$3.10.

KEIZER KROON—(Grand Duc)—(M. 16)—One of the most striking and showy Tulips in existence. The color is a dazzling crimson-scarlet with broad gold margin. Large, bold and of fine form. Splendid for forcing or bedding. Doz., 60c; 100, \$4.35.

MCDONALD'S CEMETERY MIXTURE—A high grade mixture which we prepare specially for cemetery planting. In this assortment we use clear refined shades only from the best named varieties. It is a mixture of such outstanding quality we feel sure it will give the fullest satisfaction wherever it is used. Doz., 50c; 100, \$3.75.

MCDONALD'S SUPERB MIXED SINGLE TULIPS—Ordinary grades of mixed Tulips are somewhat unreliable, being frequently made up by the Holland growers out of undesirable varieties or surplus lots in order to sell at a low price. For this reason we import each season a large quantity of selected bulbs of the best named varieties and prepare our own mixture. It contains a carefully balanced range of colors, and we can confidently assure customers of its superb quality. Doz., 40c; 100, \$3.00.

MCDONALD'S SPECIAL MIXED SINGLE TULIPS—This is the best grade of imported mixed Tulips and decidedly superior to that usually sold. As a medium priced mixture for bedding, it is unexcelled. Doz., 35c; 100, \$2.50.

Double Tulips.

Double Tulips are very useful for bedding as they begin to bloom when the Single Early Tulips are just over and thus bridge over the period before the Cottage and Darwins come into bloom. They make very showy effects in beds and have great lasting qualities. Excellent for growing in pots or pans, but should not be forced too early. They require the same cultural treatment as the Single Early varieties.

BOULE DE NEIGE—(M. 10)—A loose, elegant flower looking much like a pure white paeony. It reaches an enormous size when fully de-

veloped. Good for forcing or outdoor culture. Doz., 60c; 100, \$4.30.

COURONNE D'OR—(M. 12) Large bold flower of rich golden yellow, flushed orange-red. A splendid bedding Tulip and a good forcer. Doz., 70c; 100, \$4.80.

LA CANDEUR—(M. 10)—Pure glistening white of fine form and good substance. Good for bedding or forcing. Doz., 55c; 100, \$4.25.

LE MATADOR—(M. 10)—Glowing scarlet. The purple bloom on the outside of the petals and the perfect egg shaped flowers make it one of the handsomest of the red Double Tulips. Doz., 70c; 100, \$4.80.

MURILLO—(M. 10)—The most popular Double Tulip for forcing, and always blooms well. Extra fine light pink. Large, graceful flowers; strong grower and full double. Splendid bedder. Doz., 45c; 100, \$3.

QUEEN EMMA—(M. 12)—Vivid cherry-rose, center of petals striped white; resembles in color the fine variety Pink Beauty in Single Tulips. Very fascinating on account of its colour. Doz., 90c; 100, \$6.25.

RUBRA MAXIMA—(M. 10)—Bright dazzling red. A fine large bedding Tulip and forces well. Doz., 55c; 100, \$3.85.



La Reine

IMPERATOR RUBRORUM—(M. 10)—Rich crimson-scarlet. One of the best for forcing and equally good for bedding. Doz. 75c; 100, \$5.25.

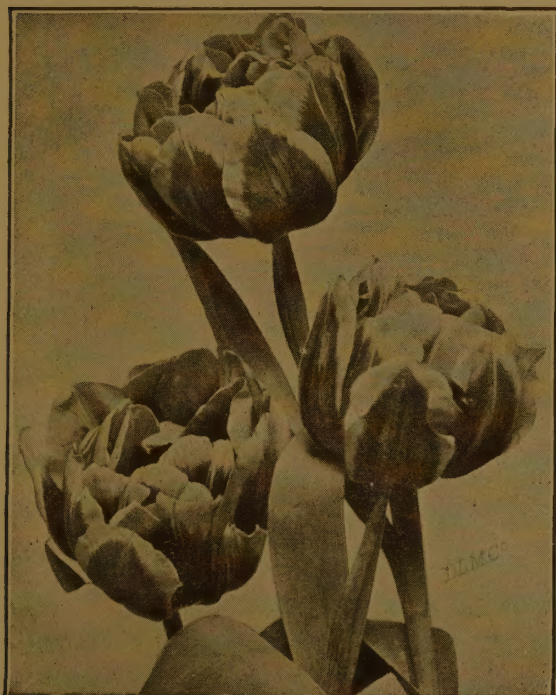
TEA ROSE—(Saffrano)—(M. 12)—A beautiful sport of Murillo which has all the good qualities of its parent, being particularly suitable for pot culture. The color is a pleasing saffron-yellow, shading to rosy apricot. The large, double flowers show a marked resemblance to the well known tea rose. Doz., 50c; 100, \$3.35.

TOURNESOL RED AND YELLOW—(E. 10)—A gorgeous variety of intense scarlet with edge of bright golden yellow, very much like a double form of Keizer Kroon. Doz., 75c; 100, \$5.25.

VUURBAAK—(M. 10)—Fiery scarlet developing an orange tinge when fully opened. Extra large flowers and a favorite for bedding owing to its sturdy stems. Doz., 95c; 100, \$6.75.

YELLOW ROSE—(L. 14) Beautiful deep yellow flower, large and very fragrant. Makes a beautiful pot if kept back quite late. Good bedder with strong stem. Doz., 50c; 100, \$3.35.

MCDONALD'S SUPERB DOUBLE MIXED TULIPS—We recommend this selection as being a strictly high-grade mixture of all the finest double varieties. They are carefully blended as to color, height and blooming season, and we are sure will prove very satisfactory. Doz., 40c; 100, \$3.



Tournesol

New Exhibition Hyacinths



Correggio

This collection is sold mainly as an advertising offer. It lets you try out half a dozen of the finest Hyacinths that grow, and realize the meaning of the phrase,—"McDonald's Quality Bulbs."

THESE bulbs are specially selected for us by our growers in Holland, and are the finest produced. Bulbs are of extra size, and possess strength and vigor to produce perfect blooms of immense size. We carefully revise our lists each year, keeping pace with the newest and best sorts. Price, Each, 25c; Dozen, \$2.50.

CARDINAL MANNING—Long, finely formed trusses, bright red. An extra good forcing variety.

CITY OF HAARLEM—Undoubtedly the finest of the yellows. Truss is large, well-formed, and of purest yellow.

CORREGGIO—A magnificent pure white, with large bells of wonderful substance, and a perfectly formed truss of great size. Excellent for forcing, and one of the finest whites ever raised.

DR. LIEBER—Deep porcelain-blue, shaded purple,—a most pleasing color combination. Extra good spike, and a good forcer.

EXCELSIOR—The earliest pink hyacinth. Bulb is always small, but produces a large, handsome spike with closely arranged bells.

IVANHOE—A sport of the well-known King of the Blues. Long, well-filled spike of indigo-blue bells, with white throat.

MENELIK—This is the best of the so-called "blacks,"—the color being a glittering, deep, bluish-black. The truss is large and well-formed, with good-sized bells. Unexcelled for pot culture.

PANAMA—A lively rose-pink, being an improvement on Lady Derby.

QUEEN OF THE PINKS—Brilliant pink. This variety is bound to become one of the leading pinks. Bells well placed on long, finely shaped spike. A real beauty. Should not be forced too early.

WHITE LADY—A beautiful pure white variety. Bells are closely arranged on an immense well-formed spike.

Special Hyacinth Collection

For many years this popular collection has given the greatest satisfaction to thousands of flower lovers. Only strictly select, first size bulbs are used, and the varieties are among the choicest in each color. The selection will provide a regular succession of bloom, flowering in the order they are listed here. For \$1.00 we will send postpaid to any address in Canada, one choice bulb of each of the following varieties:

L'INNOCENCE—Pure white, very early. Compact spike.

ADMIRAL COURBET—Deep violet-blue. Enormous trusses.

LADY DERBY—Very fine soft pink with lighter center.

CITY OF HAARLEM—Bright golden yellow. One of the best yellows.

GRAND MAITRE—Dark lavender-blue. Immense spikes, large bells.

QUEEN OF THE PINKS—The best pink in our list.



\$1.00 Post Paid



McDonald's Superb Fragrant Hyacinths

HYACINTH bulbs of choicest quality have been a leading specialty with us for many years. Our high standard of selection has earned for us an enviable reputation in this line. Advices from our growers assure us that this year's crop will be very choice, well ripened, solid bulbs of finest quality.

Our own trials keep us well informed as to qualities and varieties and our rearranged list offers only sorts which have proven their merit. You may miss one or two old favorites, but be sure they are replaced with something better. The bulbs of different varieties of Hyacinths vary greatly in size, some making a very large bulb and others a small one. Grand Maitre makes one of the largest bulbs and the finest bulbs of King of the Blues or Roi des Belges will look small beside it, but customers can always rely on our bulbs being of finest select size.

CULTURE IN GLASSES—Single varieties are best suited for growing in glasses. The bulb should be placed so that the water just touches the base of the bulb. Use rain water if possible, and put a little charcoal in glass to keep the water fresh. Keep in a dark cellar or cupboard for about eight weeks until the bulbs have well rooted, then bring gradually to the full light. Do not allow them to get touched by frost. Only the heaviest and most solid first size bulbs should be used for glass culture.

CULTURE IN POTS—One bulb should be used in a 5" pot or 3 in a 7" pot or pan, using any good light porous soil or compost. Get good drainage by placing a piece of broken pot over the drainage hole and about an inch of coarse soil over this, then fill the pot to the depth at which the bulb should rest, then place the bulbs, and fill up around them with more soil. Do not press the bulbs into the soil as the strong root growth often forces them out of the pots. The soil should come within 1-2" of the top of the pots and the bulbs should protrude slightly when the soil has been firmed around them. After watering set the pot away in a cool place from 10 to 12 weeks to make root growth. When brought into light and heat they soon come into bloom. They require plenty of water and should never be allowed to dry out. Manure water is good after the flower spikes appear.

OUTDOOR CULTURE—Plant outdoors September to November in any good garden soil, preferably a rich, sandy loam, in a sunny situation. The soil should be well dug to a depth of 12 to 15 inches and enriched if necessary with some well-rotted cow or sheep manure. Plant the bulbs not more than 6 inches apart and about 6 inches deep to the bottom of the bulb. Be sure to get them all the same depth, as if unevenly planted they will bloom irregularly. Do not press the earth too firmly around the bulb. Setting each bulb upon a handful of clean sand will ensure proper drainage. After the ground is frozen they should be covered with three or four inches of leaves, evergreen boughs or dry litter. This protection should remain till danger of heavy frosts is past. Do not cover before frost, as this might start premature top growth. Price unless otherwise mentioned Each, 20c; Dozen, \$2.00. Carriage prepaid.

Pink and Red Shades.

CARDINAL MANNING—Bright red with large well formed truss. Extra good forcing variety. Each, 25c; Doz., \$2.50.

EXCELSIOR—A very attractive flower of great substance bearing delicate rose bells of unusual size. Each, 25c; Doz., \$2.50.

GENERAL DE WET—A pink sport of the popular Grand Maitre and the palest shade in our list. Strong spike and stem with large bells of delicate light pink.

GERTRUDE—Brilliant rosy red, tall heavy compact spikes of extra fine flowers. One of the best for indoor or outdoor culture.

GIGANTEA—A most distinct light rose Hyacinth. The petals are narrower than most varieties, but the bells cluster so thickly on the fine thick spike that it makes one of the very finest Hyacinths for pot culture.

LADY DERBY—No Hyacinth on our list has earned for itself a greater measure of popularity. A strong grower and easy to handle. Fine soft pink bells making up a magnificent spike of large, waxy flowers.

LA VICTOIRE—Bright dark pink with medium sized bells closely set, forming a large, heavy and splendidly finished spike; when grown outdoors the color is brilliant red.

PANAMA—Can you imagine an improved form of Lady Derby? Here we have it in a superb flower which is the result of years of effort by one of Holland's premier growers. It has the same soft pink as the parent, but richer, larger and more vigorous. Close to the color of the Panama Gladiolus. Each, 25c; Doz., \$2.50.



Grand Maitre.

QUEEN OF THE PINKS—One of the newer varieties which in recent years, has come rapidly to the front. Color is bright, deep pink and the splendidly formed and brilliantly colored spike makes it a beauty in every sense of the word. It is a sport from King of the Blues and should not be forced too early. Each, 25c; Doz., \$2.50.

ROI DES BELGES—Clear rosy crimson of medium size. Good forcer and fine for bedding as the stiff stem well supports the compact truss.

Blue and Violet Shades

ADMIRAL COURBET—An enormous truss of deep violet. One of the earliest blues and very easy to force.

CZAR PETER—An old favorite which we have grown repeatedly in comparison with new varieties. It makes a splendid spike with large waxy bells. The color is a delightful lavender blue with lighter center making one of the most charming Hyacinths we have grown.

DR. LIEBER—Deep porcelain blue, shaded purple. A most pleasing color combination. Extra good spike and a good forcer. Each, 25c; Doz., \$2.50.

IVANHOE—A sport of the well known King of the Blues. Dark indigo blue with a white centre. Long, well-filled spike, Each, 25c; Doz., \$2.50.

KING OF THE BLUES—An enormous compact, beautifully formed spike of bloom, of deep indigo blue color. One of the best dark blues.

MENELIK—Called "the black Hyacinth" and a novelty well worth growing. The truss is large and well formed with good sized bells of glittering, deep, bluish-black. Unexcelled for pot culture. Each, 25c; Doz., \$2.50.

GRAND MAITRE—Grand, well formed truss of ultramarine blue with porcelain shadings. Large bells; frequently throws two spikes of bloom.

White.

CORREGGIO—A magnificent pure white, with large bells of wonderful substance and a perfectly formed truss of great size. Each, 25c; Doz., \$2.50.

HEIN ROOZEN—Snowy white, splendid big bells and long, loose spike of great elegance. One of the earliest whites for pot culture.

L'INNOCENCE—Our most popular white variety and one of the finest. Very early with compact spikes of purest white.

LA GRANDESSE—One of the most popular white varieties, having a very large spike and bells of clear, snowy white. Extra fine for forcing.

WHITE LADY—A beautiful new variety of snowy whiteness. Bells are unusually large and closely arranged on an immense well formed spike. Each, 25c; Doz., \$2.50.

Yellow.

CITY OF HAARLEM—A beautiful shade of yellow with large, well formed truss. The best yellow we have grown. Each, 25c; Doz., \$2.50.

MACMAHON—Rich yellow of good size and substance. Fine for forcing.

YELLOW HAMMER— Handsome broad spike of creamy yellow flowers. The most popular of the yellows and very easy to force.

Select Second Size Hyacinths

Let us emphasize the fact that second size does not mean second quality. We import these specially for bedding or any outdoor culture but they produce splendid blooms when forced indoors, although our first size bulbs are preferred for this purpose. In this size we supply the leading standard sorts, in fine, large bulbs, all strictly true to name and color.

Second Size Hyacinths are priced uniformly at. Each, 10c; Doz., 90c; 100, \$7.00.

Pink and Red Shades.

GENERAL DE WET—Beautiful, soft light pink.
GERTRUDE—Brilliant rosy red. Good bedder.
GIGANTEA—Heavy trusses of light rose bells.
ROI DES BELGES—Deep crimson scarlet.

HEIN ROOZEN—Snow white, long spike.
LA GRANDESSE—Pure white, large and fine.
L'INNOCENCE—Most popular white for bedding.

Blue and Violet Shades.

CZAR PETER—Lavender blue with lighter center.
GRANDE MAITRE—Porcelain blue, Splendid bedder.
KING OF THE BLUES—Deep indigo blue.

MACMAHON—Pure yellow. Good spike.
YELLOW HAMMER—Creamy yellow, large bells and spike.
MIXED SECOND SIZE HYACINTHS — All Colors Mixed. Doz., 80c; 100, \$6.00.

Choice Third Size Hyacinths.

This grade of bulbs is considerably larger than those usually sold as "Pan Hyacinths" or "Miniature Hyacinths." Many use them for bedding and under proper conditions, they will do quite well. We recommend them specially for growing in groups in pots or pans. Only one variety should be used in each pot so that all will flower together. Six bulbs in a 7" pot or pan gives a nice effect. Third Size Hyacinths are priced uniformly at Doz., 60c; 100, \$4.50.

Pink and Red Shades.

GENERAL DE WET—Beautiful, soft light pink.
GERTRUDE—Brilliant rosy red. Good bedder.
GIGANTEA—Heavy trusses of light rose bells.
RIO DES BELGES—Deep crimson scarlet.

White
HEIN ROOZEN—Snow white, long spike.
LA GRANDESSE—Pure white, large and fine.
L'INNOCENCE—Most popular white for bedding.

Blue and Violet Shades.

CZAR PETER—Lavender blue with lighter center.
GRAND MAITRE—Porcelain blue. Splendid bedder.
KING OF THE BLUES—Deep indigo blue.

Yellow.
MACMAHON—Pure yellow. Good spikes.
YELLOW HAMMER—Creamy yellow, large bells and spike.
MIXED THIRD SIZE HYACINTHS—All colors mixed. Doz., 55c; 100, \$4.00.

Select French Roman Hyacinths.

This is a favorite class of Hyacinths grown in the South of France. They are specially adapted for forcing in the house, but are not recommended for outdoor culture. They produce graceful, delicately perfumed flowers, and as each bulb produces several spikes of bloom they have become decidedly the most popular of early Hyacinths. They are very easily grown, using 4 bulbs in a 5-inch pot or 6 in a 6-inch pot. They are one of the most satisfactory bulbs for growing in fibre compost and their effect is always chaste and beautiful. If planted before the end of September they can be had in bloom by Christmas, and by careful planting a constant succession of bloom may be kept up all winter.

FRENCH ROMAN HYACINTHS—Pure white, extra select bulbs. Doz., \$1.25; 100, \$9.00.



Queen of the Pinks



Lady Derby



TRADE MARK



Miscellaneous Bulbs

Allium

One of the easiest plants to grow indoors, using a dozen bulbs in a seven inch pan.

NEAPOLITANUM—Perfectly hardy bulbous plants bearing large umbels of pure white flowers on long stout stems. Flowers are fine for cutting and very lasting. Very dainty and sure to bloom. Doz., 40c.

Amaryllis

Beautiful indoor bulbous plants with elegant foliage and large, lily-like blooms.

JOHNSONI—A large flowering variety with blooms of bright crimson, striped white. Large bulbs, each, 75c, postpaid.

Calla

Though not a true Lily these are commonly called Calla Lily or Lily of the Nile. They like a stiff, clayey soil with a small quantity of shredded cow manure. Roots should be set horizontally with the bud protruding just above the surface. When in growing condition, warm water given several times a week will increase the number of blooms. Not hardy.

AETHIOPICA—The favorite white Calla. Beautiful deep green foliage, large white flower with yellow spathe. Select roots. Each, 25c; Doz., \$2.25.

Grape and Feathered Hyacinths

Botanically these are classed as Muscari but garden lovers always call them Grape Hyacinths. They are perfectly hardy, thrive anywhere and are among the most satisfactory of early spring flowering bulbs.

They do well planted in clumps in the perennial border and are equally fine for flowering in the house, using a dozen bulbs in a seven inch pan. If treated like regular Hyacinths they will flower in February. The following varieties at Doz., 30c; 100, \$2.50.

HEAVENLY BLUE (Muscari Botryoides)—Bright blue. The best and largest of the Grape Hyacinths. The bells are large and form a nice little truss. Fine for flowering in pots and for outside work.

WHITE GRAPE (Muscari Botryoides Album) — Pure white flowers, freely borne on dainty spikes.

FEATHERED HYACINTHS (Muscari Plumosa) — The long spikes have a perfect pyramidal shape and a real violet blue color. They are a splendid ornament for every garden and we strongly recommend them for indoor purposes.

Chionodoxas

Beautiful, early flowering little bulbous plants which combine effectively with Snowdrops or Scillas. They do well in any good garden soil and, once planted, require no further care but increase rapidly and soon form great clumps. Perfectly hardy. Plant them two inches deep. Doz., 25c.

Scillas

These are among the earliest of the spring flowering bulbs, showing their spikes of dainty blue blossoms almost before the snow has gone. In combination with Snowdrops or Crocus the contrast is charming and very effective. They should always be planted in large groups and can be left undisturbed for years. They do well in pots and flower early, a dozen bulbs in a seven inch pan makes a pretty effect.

SIBIRICA—(Blue Squill) — Bright blue flowers of bell-like shape, three to four inches high. Doz., 40c; 100, \$3.00.

Snowdrops (Galanthus)

The dainty Snowdrops are the first flowers of spring and general favorites with everyone as they possess a modest beauty that is very charming. Fine effects are obtained by using them in combination with Scillas or Chionodoxas. The bulbs should be set very close together in unfertilized soil. Easily flowered in pots during winter.

SINGLE—Pure white. Doz., 25c; 100, \$1.75. **DOUBLE**—Pure white. Doz., 30c; 100, \$2.25.

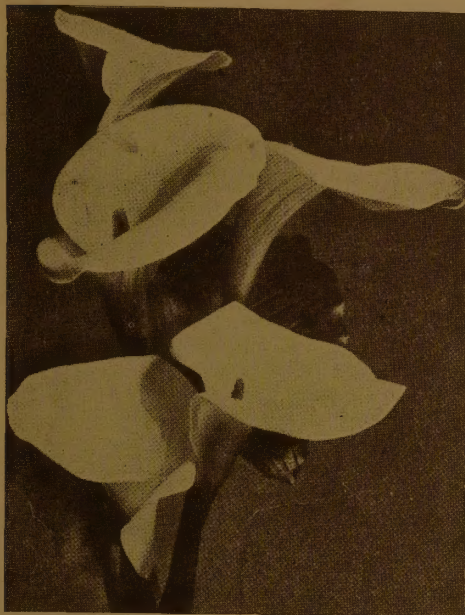
Gladioli (Winter Flowering)

These fine dwarf varieties are ideal for pot culture indoors. Though not well known they are quite easy to grow and among the most satisfactory flowers we have for winter bloom. They should be put directly in the light when planted and treated like Freesias. Their graceful spikes and delicate colors make them valuable for cutting. Doz., 40c; 100, \$3.00.

ACKERMANNI—A delicate salmon pink with orange shadings.

BLUSHING BRIDE—One of the daintiest varieties ever grown. Rosy white with carmine blotch.

PEACH BLOSSOM — A beautiful peach blossom pink of refined form.



Calla Aethiopica

Crocuses

One of the earliest of spring bulbs, the Crocus is a universal favorite, and it is no unusual sight to see the Crocus in bloom while the ground is still partly covered with snow. They are neat, dwarf and compact in growth, and their charming blooms are of many bright colors. They are very inexpensive, and their first cost is the only cost, as they are perfectly hardy and bloom freely year after year with no further attention. They do well when planted in large groups on the lawn, scattering the bulbs around freely and planting them where they fall. The best effect is obtained by avoiding any attempt at regular design, but have the group much longer than wide. Plant the bulbs two or three inches deep. They also do well indoors, using 6 or 8 bulbs of the named varieties in a pot or pan and cover one inch deep.

GIANT YELLOW—This is the favorite yellow Crocus for forcing or outdoors. Mammoth bulbs. Doz., 40c; 100, \$3.00.

GIANT YELLOW—Large bulbs. Doz., 35c; 100, \$2.75.

KING OF THE WHITES—Very fine white of great size and substance. Doz., 45c; 100, \$3.50.

MADAME MELBA—A new early flowering variety of delicate beauty, Rich violet daintily striped on a white ground with yellow anthers. Large flowers. Doz., 30c; 100, \$2.50.

PURPUREA GRANDIFLORA—A dark purple which is unexcelled for forcing and combines most attractively with the yellow varieties. Doz., 30c; 100, \$2.50.

WHITE LADY—Large snow white cup shaped flower with anthers of deep orange. Doz., 30c; 100, \$2.50.

ALL COLORS MIXED—A high grade mixture containing all the best colors in Crocus. We do not recommend the use of mixed bulbs for pot culture but they give splendid results in the border or naturalized. Doz., 20c; 100, \$1.00.

Ixias

Beautiful little winter flowering bulbs, with long slender, graceful spikes of bloom. These new varieties are gorgeously beautiful, as the colors are so rich and varied, the centre always differing in color from the rest of the flower.

FINE MIXTURE—All colors. Doz., 25c; 100, \$1.75.



Crocuses naturalized in the grass.

McDonald's Hardy Daffodils



King Alfred

THESE are probably the most popular spring flowering bulbs we have. Their refined grace and elegant habit have made them favorites wherever gardens are grown. They are perfectly hardy and do well in almost any soil or situation, sun or shade, moist or dry. All conditions seem to suit them although they have a preference for a good, deep soil and a semi-shaded position. Every hardy border should have a number of clumps interspersed through it, while for naturalizing in the grass, under trees, etc., there is nothing finer.

Narcissi are equally desirable for pot culture indoors, using 4 to 6 bulbs in a 6 or 7 inch pan. Give them the same cultural treatment as Hyacinths and they will be found equally satisfactory.

KING ALFRED—Yellow Trumpet—Perhaps the most refined and beautiful among the giant sorts, King Alfred is already a favorite. Its round, fleshy petals and beautifully recurved and fluted trumpet are of deep chrome-yellow. A splendid forcing variety of wonderful size and beauty. Height 20 inches, 3 for 50c; Doz., \$1.70; 100, \$12.25.

MADAME DE GRAAF—White Trumpet—The finest white for forcing or exhibition. The perianth is large and pure white, while the trumpet opens pale primrose, passing to pure white with elegantly reflexed brim. We recommend this to all who want the very best in Daffodils. Should be planted immediately on receipt. Height 15 inches. Doz., 80c; 100, \$5.75.

MADAME PLEMP—Bicolor Trumpet—A favorite Daffodil for any permanent position outdoors and also a good forcer. The flowers are of immense size with large, bold, rich golden-yellow trumpet and gracefully twisted pure white perianth, which gives the flower a very artistic appearance notwithstanding its massive build. Height 16 inches. Doz., 80c; 100, \$5.75.

AUTOCRAT—Incomparabilis—Broad perianth of pale yellow, golden yellow cup widely expanded at the mouth. A splendid border variety and one of the best for forcing. Height 20 inches. Doz., 60c; 100, \$4.35.

BARBARA HOLMES—Barrii—A remarkably pretty sport from Barrii Conspicuous. Perianth white sometimes barred yellow; cup broad and short, yellow conspicuously edged bright orange. Height 21 inches. Doz., \$1.25; 100, \$9.00.

CONSPICUUS—Barrii—Broad primrose perianth and elegantly expanded crown, conspicuously edged bright orange scarlet. A deliciously fragrant flower of great beauty and refinement. Height 21 inches. Doz., 60c; 100, \$4.35.

EMPEROR—Yellow Trumpet—Broad sulphur-yellow perianth with immense golden yellow trumpet. One of the largest in cultivation and a really superb variety which cannot be recommended too highly for both indoor and outdoor culture. Height 20 inches. First quality bulbs. Doz., 60c; 100, \$4.35.

EMPEROR—(Double Nosed or Mother Bulbs)—The finest grade of Emperor procurable. Each bulb will give two or more flowers. Doz., 95c; 100, \$6.75.

EMPRESS—(White Wings)—Bicolor Trumpet—Large flower of great substance. White perianth and rich golden-yellow trumpet. Good bedder and excellent for forcing. Height 18 inches. Doz., 60c; 100, \$4.35.

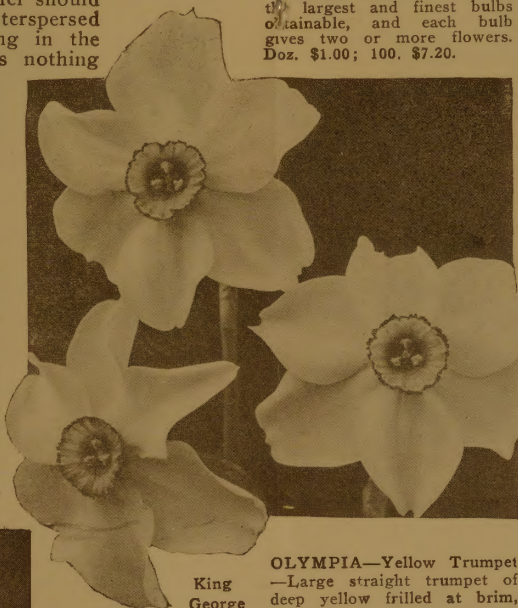
GOLDEN SPUR—Yellow Trumpet—Very fine early forcing variety both perianth and trumpet being of a rich yellow color; foliage very broad and striking. It is of unusually robust habit and splendid for all garden purposes or for pots. Early. Height 18 inches. Doz., 70c; 100, \$4.80.

GOLDEN SPUR—Double Nosed or Mother Bulbs—Extra size bulbs giving two or more flowers. Doz., \$1; 100, \$7.20.

VAN WAVEREN'S GIANT—Bicolor Trumpet—A very large Daffodil of vigorous habit, growing seventeen inches high. The perianth is primrose and the trumpet bright yellow with large open mouth, flanged at brim, good forcer. Each, 30c; Doz., \$3.25.

VICTORIA—Bicolor Trumpet—A fine, large Narcissus of good substance with broad, white perianth and large yellow trumpet beautifully frilled at mouth. The flower forces very freely and is one of the best and showiest in the garden. Height 16 inches. Doz., 70c; 100, \$4.80.

VICTORIA—(Double Nosed or Mother Bulbs)—These are the largest and finest bulbs obtainable, and each bulb gives two or more flowers. Doz., \$1.00; 100, \$7.20.



King George

OLYMPIA—Yellow Trumpet—Large straight trumpet of deep yellow frilled at brim, twisted perianth of primrose yellow. An enormous flower that attracts attention wherever seen. Splendid for the garden and magnificent for forcing. Height 15 inches. Each, 30c; Doz., \$3.25.

PRINCEPS—Yellow Trumpet—Primrose perianth with large yellow trumpet. Sometimes called the "Giant Irish Daffodil." Good forcer and splendid for bedding. Height 16 inches. Doz., 60c; 100, \$4.35.

SEAGULL—Barrii—Pure white perianth of great substance, lemon-yellow cup with dainty edging of bright orange. An exquisite flower fine for outdoor and very easy to force. Height 17 inches. Doz., \$1.00; 100, \$7.20.

SIR WATKIN—Incomparabilis—(Giant Welsh Chalice Flower)—A giant among the medium crowned Daffodils. Perianth primrose-yellow, large and well-formed yellow cup, tinged orange. A grand flower of wonderful substance for garden culture or pots, this variety frequently has flowers five inches across, and its splendid proportions and ease of culture cause it to be one of the most popular varieties. Height 21 inches. Doz., 95c; 100, \$6.75.

SPRING GLORY—(Bicolor Trumpet)—Long trumpet of deep golden yellow beautifully reflexed at mouth. Clear white perianth with finely formed, long, white petals. One of the finest new Daffodils, very large and a vigorous grower. Good for pots or outdoors. Height 16 inches. 3 for 50c; Doz., \$1.70; 100, \$12.25.

WHITE LADY—Leedsii.—Perianth creamy white with broad, well formed petals. The small central cup is pale canary, beautifully crinkled. A dainty specimen of the new Daffodils. Free blooming and well suited to outdoor growing and an exquisite variety for pots or as a cut flower. Height 20 inches. Doz., 95c; 100, \$7.00.

SINGLE VARIETIES MIXED—This splendid mixture contains many fine varieties in addition to those listed here. They are extensively used for planting in unused corners where they may remain undisturbed for years or for naturalizing in grass or among shrubbery. They are very hardy and in suitable locations the clumps will multiply and give larger and finer results each year. Doz., 50c; 100, \$3.50.

Poets Narcissus (Narcissus Poeticus)

This class of Narcissus, instead of having a trumpet or crown, has a small, wide-mouthed cup. They are very hardy, and are used in large numbers for naturalizing, their graceful elegance and delightful fragrance making them highly prized for this purpose. Once planted they take care of themselves as they are perfectly hardy, and in suitable locations will multiply rapidly. They are quite easily grown in pots, but should not be forced till March.

KING GEORGE—Poeticus.—A beautiful novelty which can be forced earlier than any other of this class. Flowers are pure waxy white with yellow cup margined deep orange red. Grand, strong stems for cutting, flowers large and very substantial. Height 18 inches. Doz., 85c; 100, \$6.00.

ORNATUS—Poeticus.—A splendid variety for massing and naturalizing purposes. Perianth pure white, cup margined bright crimson. Good forcer. Height 14 inches. Doz., 50c; 100, \$3.75.



King Alfred

Double Narcissi

These Double Daffodils are among the most valuable material we have for naturalizing purposes or for clumps in the perennial border. They are all very hardy and will increase in number and splendor each year. They are easy to force and always do well, Van Sion being the favorite variety for this purpose.

DOUBLE VAN SION—Double Trumpet.—Deep golden-yellow throughout. Splendid for planting in the border or among evergreens or shrubs, or any position in the garden. A good variety for forcing and one of the easiest varieties to grow. Height 13 inches. Doz., 60c; 100, \$4.00.

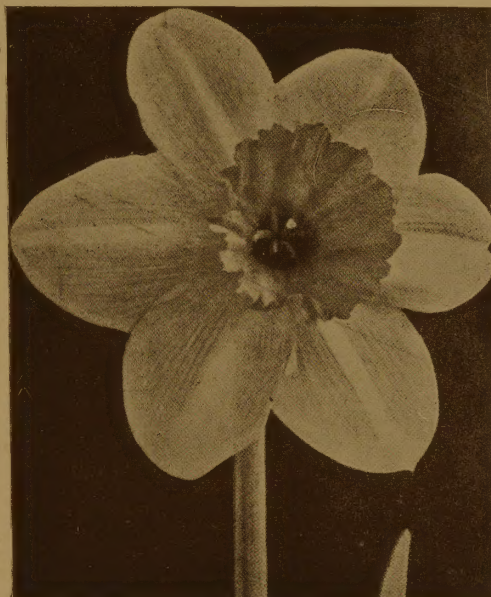
DOUBLE VAN SION—Double Nosed or Mother Bulbs.—This grade of Double Van Sion is selected specially for us from the very largest double nosed bulbs, and are what is termed "Top-roots". Doz., 85c; 100, \$6.00.

INCOMPARABLE—Double Incomparabilis.—Rich primrose yellow throughout. A fine vigorous flower on a strong stem. Good forcer and splendid for border planting. Height 14 inches. Doz., 65c; 100, \$4.50.

ORANGE PHOENIX—Double Incomparabilis.—White perianth with rich, reddish orange center. Large double rose shaped flower. Good bedder and forcer. Height 17 inches. Doz., 80c; 100, \$5.75.

SULPHUR PHOENIX—Double Incomparabilis.—Large perianth of creamy white with sulphur-yellow center. Height 18 inches. Doz., 80c; 100, \$5.75.

DOUBLE VARIETIES MIXED—Contains all the best doubles, including those listed here. Doz., 60c; 100, \$4.00.



Sir Watkin

Poetaz Narcissi.

These are new hybrids between Poeticus Ornatus and the Polyanthus Narcissus. By crossing these two classes the growers have succeeded in obtaining a perfectly hardy strain of bunch-flowered Narcissi. The individual flowers have all more or less the Poeticus shape and size, and besides being hardy they have inherited the free flowering habit of the Paper-whites. They are valuable for any outdoor culture and force very easily.

ELVIRA—Poetaz—Fine large flowers usually borne in clusters of three or four on a stem, with two or three stems to each bulb. They are pure white with yellow cup and very free flowering. Their substantial flowers, long stems and distinct fragrance render them invaluable for cutting. Height 18 inches. Doz. 90c; 100, \$6.25.

JAUNE A MERVEILLE—Poetaz—This is the largest of the yellow Poetaz varieties, and usually bears 6 to 8 flowers on a stem. Perianth is rich golden yellow, with deep orange eye. Flower is broad and well expanded. One of the most unique and valuable novelties we have had for some time. Height 16 inches. Doz., 90c; 100, \$6.25.

KLONDYKE—Poetaz—Perianth even tone of pure bright yellow, with golden yellow eye. A new variety of remarkable size and vigor giving 6 to 8 flowers on a stem. Height 18 inches. Doz., \$1.75; 100, \$12.50.

Fragrant Jonquils

All the Jonquils are prized for their graceful, sweet-scented golden blossoms and their simple cultural requirements. They are perfectly hardy in borders or naturalized and do very well in pots. These are a very distinct type of the Narcissus family bearing smaller flowers in clusters of four or five on a stem with slender, rush-like foliage. Customers sometimes ask for Jonquils when the Trumpet Daffodils are desired but if the desired sorts are ordered by variety names there should be no cause for mistakes.

SINGLE Very dainty pure golden yellow flowers of exquisite beauty and fragrance. 50c; 100, \$3.50.

DOUBLE—Very double rich golden yellow flowers of exquisite beauty and fragrance. Doz., 50c; 100, \$3.50.

CAMPERNELLE RUGULOSUS—Large, open flower of deep golden yellow. Larger and finer than the old Campernelles. Doz., 60c; 100, \$4.35.



Poeticus Ornatus



Emperor



Narcissus Poetaz Elvira

MILADY'S HOUSE PLANTS, By F. E. Palmer—The care of plants in the home made simple, and success assured to all who follow the practical directions of the Veteran Grower, who, after much urging, at last consented to give the public the benefit of his life-long observations and experience.

Any woman with the aid of this book may have a fine collection of plants to add cheer and beauty to the environments of the home during the Fall and Winter months, then in Spring and Summer to lend their beauty to the luxuriant mass of outdoor planting. The chapter on "Sun Parlors" is in itself worth many times the price of the book. Profusely illustrated with about 100 instructive pictures, the majority of them taken exclusively for this book. Price, paper, 75c; cloth, \$1.25.



TRADE
MARK



Freesia.

Freeseias

Freeseias are among the most beautiful and popular winter forcing bulbs, possessing a peculiarly charming grace of form and purity of color that is specially pleasing. Their delicious fragrance is considered by many to be the sweetest perfume of all the winter blossoms. As cut flowers they are particularly valuable as they last a long time in water and fill the air with their delicate odor. They are readily forced, but should be put directly in the light when potted, as a cool position and plenty of light keeps them short and sturdy. Water sparingly at first and keep them cool. Even when potted early they rarely flower before the middle of December.

REFRACTA ALBA—Pure white flowers with yellow blotched throat. Delightfully fragrant. Mammoth bulbs. Doz., 50c; 100, \$3.50.

IMPROVED PURITY—This is a new Freesia and a decided improvement on the well known Refracta Alba. The flowers are larger and finer and the plant more vigorous and robust. Mammoth bulbs. Doz., 50c; 100, \$3.50.

Chinese Sacred Lily

This is not a true Lily, being really a variety of the Polyanthus Narcissus, but it is known by the Chinese as "Shui Sin Far," or Flower of the Gods. The flowers grow in clusters of waxy white blossoms with yellow centre; and have a delicious fragrance.

The true China grown variety is much superior to home-grown bulbs. The Chinese method of growing them is very interesting. Simply place them in shallow bowls of water with sufficient pebbles around them to keep them from toppling over while in bloom. The water must not quite cover the bulbs and should be changed frequently. When planted, keep them in a cool, dark cellar or closet for a few weeks to induce root growth before the tops start, then place in a sunny position. If planted by Nov. 1st they will bloom for Christmas.

CHINESE GROWN BULBS—Large, each, 20c; 6 for \$1.00; Mammoth bulbs. Each, 30c; 4 for \$1.00.

"SUNROOM" BRAND FIBRE COMPOST—The growing of bulbs in prepared moss fibre is no longer an experiment. Anyone can succeed by using our "Sunroom" Brand Fibre Compost in which bulbs flower to perfection with the least possible trouble. It gives complete satisfaction and can be used in any bowl or jardiniere which has no drainage hole. We sell this prepared compost all ready for use. Price, quart, 10c; 1-2 gal. 15c; gal. 30c; peck, 50c. By express at purchaser's expense.



Paper White Narcissi

Polyanthus Narcissi. (*Narcissus Tazetta*)

These bulbs are grown for us in the South of France and are not hardy. For any indoor purpose they are ideal and quite the easiest of all bulbs to force. They produce large trusses of bloom and are quite fragrant. Grand Soleil d'Or is not so well known as the popular Paper-white yet we consider it the finest of all bulbs for Christmas bloom.

GRAND SOLEIL D'OR—Tazetta—Flowers rich golden yellow with reddish orange cup. Blooms as easily and freely as the Paper-white but the individual flowers are slightly larger. Doz., \$1.20; 100, \$9.50.

GIANT PAPERWHITE GRANDI FLORA—Tazetta This large flowering strain is such an improvement over the ordinary Paper White that we have discontinued the sale of the latter. They can be had in bloom from Christmas till Easter. Plant bulbs as early as possible and store in a cool cellar till well rooted. By bringing into the light during early November they may be had in bloom for Christmas. They give excellent results when grown in moss fibre and they can be grown in bowls with pebbles and water in the same manner as the Chinese Sacred Lily. Doz., 60c; 100, \$4.75.



Chinese Sacred Lily

McDonald's

No garden can be called complete without at least some of these most useful plants. Their permanency, their brilliancy when in bloom, and their ability to lend themselves equally well to the landscape, or to decorative work as cut flowers, make them almost indispensable. These hardy, herbaceous plants supply abundant bloom from Spring till Autumn, die down each winter, and with the advent of Spring, they burst into growth, and welcome the growing season with a wealth of bloom and foliage. They require little care,—cultivation, and the cutting away of dead flowers being practically all that is necessary. They thrive in any good garden soil, although a deep spading, with the application of rotted manure, or commercial fertilizer, before planting, will ensure luxuriant growth. We offer hereunder, a number of hardy herbaceous plants. To facilitate planning, period of bloom and height are given. All plants offered, are raised at Maplewood, and are strong, field-grown stock. Price unless otherwise stated, 3 for 60c; dozen, \$1.75, carriage prepaid.

ACHILLEA PTARMICA fl. pl.—Pure white double flowers, borne in graceful sprays. June to October. 2 feet.

ACONITUM FISCHERI (Monkshood).—Bushy plants. Flowers, large, pale blue. Sept. to Oct. 2 feet. 25c each; \$2.50 doz.

ANCHUSA ITALICA, Dropmore Variety.—One of the best summer-flowering perennials, producing a mass of small, brilliant, blue flowers on fine bushy plants. June to July. 4 feet. Each. 25c; doz., \$2.50.

AQUILEGIA (Columbine).—Old garden favorites. Indispensable for the herbaceous border, or for shady spots where most plants cannot grow. The hybrids we offer, are long-spurred, and comprise many new and beautiful shades of white, yellow, blue, and lavender.

HARDY ASTER (Michaelmas Daisy).—Showy plants, of easiest culture, producing a wealth of beautifully colored bloom in late Summer and Fall. Sept. to Oct. 2 to 5 feet. Mixed varieties. Each, 25c; doz., \$2.50. Splendid named sorts,—our selection,—Each, 30c; doz., \$3.00.

BELLIS PERENNIS, (English Daisy).—Well-known low-growing plants for borders, beds, or edgings. Flowers, double, white and pink shades predominating. 3 to 5 inches. May to July. In finest mixture.

CAMPANULA (Bellflower).—Indispensable biennial and perennial garden flowers, classed amongst the most beautiful of hardy plants.

Carpatica (Carpathian Harebell).—Valuable, low-growing perennial plants, for border, or rockery. Flowers, white and blue, in mixture. 9 inches. June to Oct.

Medium (Canterbury Bells).—Mixed blue, rose, and white, June to July. Biennial. One of the most popular. Fine mixture.

Persicifolia (Peach Bells).—A noble border plant, with handsome spikes of showy blue and white flowers. 2 feet. June to July.

CHRYSANTHEMUM MAXIMUM—Shasta Daisy—Allied to the well-known ox-eye daisy, but flowers are much improved, and of enormous size. Centre of flower is yellow, with long, wide, white petals 2 feet. July to August. Each, 25c; doz., \$2.50.

COREOPSIS LANCEOLATA GRANDIFLORA.—Large golden yellow flowers, well suited for garden decoration, or for cutting. 2 to 3 feet. Blooms all summer. One of the most popular hardy plants.

CONVALLARIA MAJALIS (Lily of the Valley).—This sweet-scented, popular plant, with its white, wax-like, fragrant bells, is well-known to everyone. Does well in shady places.



Campanula

DELPHINIUM (Hardy Larkspur).—The tall, and stately Delphiniums of to-day, far surpass the older varieties, in graceful habit, size, and freedom of bloom. They supply a wealth of blue throughout the season, which would be sadly lacking without these magnificent plants. 3 to 5 feet. They do best in a rich, well-manured soil. If spikes are cut when through blooming, in June or July, others will spring up in their place, thereby greatly lengthening the blooming season.

Strong plants, in extra fine mixture grown from seed of the finest named sorts, at 25c each; dozen, \$2.50. We can also offer a limited number of named sorts. List upon request.

DIANTHUS BARBATUS (Sweet William).—One of the most brilliant garden plants, producing in Summer, great masses of bloom, in rich, and varied shades.

PINK BEAUTY—The loveliest color among Sweet Williams. A lovely salmon pink.

CRIMSON SHADES.—Dark and rich.

FINE MIXTURE.—All colors. Grown from our own selected strain of seed.

DIANTHUS DELTOIDES (Maiden Pink).—Charming, creeping variety, with pink flowers. Makes a good edging, or rock garden plant.

DICENTRA SPECTABILIS (Bleeding Heart).—An old favorite. Long racemes of graceful heart-shaped, pink flowers 1 to 2 feet. May to June. Does well in shade. Strong plants. Each, 50c; dozen., \$5.00.



Hollyhock—Chaters Double

DIGITALIS, GLOXINIAEFLOA MIXED (Foxglove).—Old-fashioned, and dignified garden favorites, with tall spikes of bell-shaped flowers, borne well above the foliage. 2 to 4 feet. July to September. Does well in partial shade or full sun.

GAILLARDIA, GRANDIFLOA (Blanket Flower).—Flowers in rich and brilliant colors of orange, crimson, and red. Of much value for border planting, and cutting. June to October. 2 feet.

GYPSOPHILA (Baby's Breath).—An excellent hardy border plant, as well as being of great value for cut flower purposes. Its masses of minute white flowers present a charmingly elegant appearance. 2 to 3 feet. July to August.

Gypsophila Paniculata.—Pure white. Excellent in combination with other cut flowers.

Gypsophila fl. pl.—A new variety with double flowers. Each, 25c; doz., \$2.50.

HELENIUM (Sneeze Wort).—Vigorous growing hardy border plants, blooming in late summer and autumn. 2 to 4 feet.



Delphinium Hybridum

Hardy Plants

HELIANTHUS, MISS MELLISH.—This hardy sunflower attains a height of 6 feet, and supplies a mass of long-stemmed golden-yellow, single flowers in September. Should be planted at rear of border, giving it plenty of room.

HELENIUM, RIVERTON BEAUTY.—Lemon-yellow flowers, with large dark disc in centre.

HELENIUM RIVERTON GEM.—Beautiful old-gold, changing to wall-flower red.

HEMEROCALLIS, (Day Lily).—Lily-like flowers, with tall, graceful, leaves. Valuable for planting in perennial border. They delight in partial shade. Each, 25c; doz., \$2.50.

DR. REGEL.—Flowers, golden yellow; 1½ to 2 feet. June to July.

FLAVA.—Deep, lemon-yellow. 2 to 3 feet. June to July.

GOLD DUST.—Bright yellow. 2 to 3 feet. May to June.

THUNBERGI.—Deep lemon-yellow. July. 3 to 4 feet.

HOLLYHOCKS.—These universal favorites produce tall spikes of showy flowers, in the most lovely shades. They are especially valuable for their bold effect when planted among shrubs, or at the back of the border. They attain a height of from 6 to 8 feet. July to Sept. Each, 25c; dozen, \$2.50.

DOUBLE HOLLYHOCKS.—We can supply fine plants in the following colors.—Double white, yellow, pink, rose, crimson, and all colors mixed.

SINGLE HOLLYHOCKS. All colors mixed.

LATHYRUS LATIFOLIUS (Everlasting Pea).—Vigorous climbers, of great value for covering arbors, fences, trellises, etc. Flowers resemble those of the well-known Sweet Pea, but are lacking in fragrance. Mixed colors.

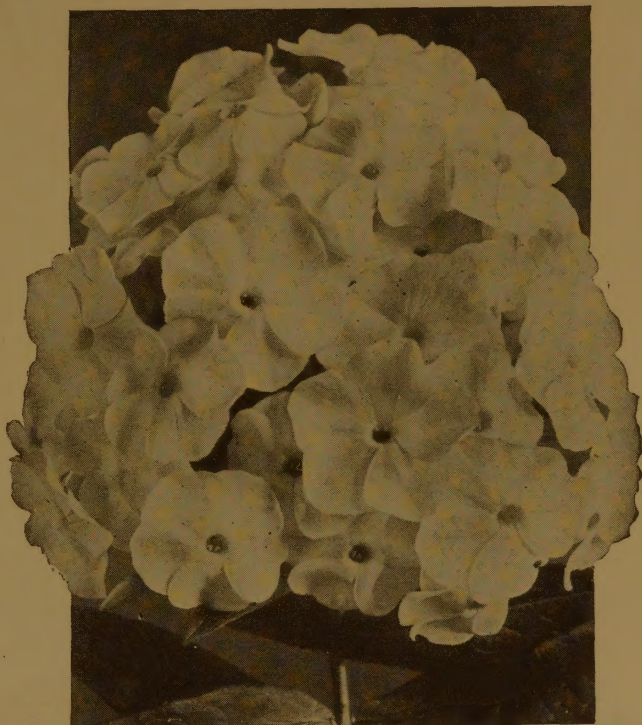
LYCHNIS CHALCEDONICA (Jerusalem Cross).—Hardy perennial plants, with brilliant orange-scarlet heads of bloom. Should be planted in bold, conspicuous masses. 3 feet. June to July.

PANSY (Royal Exhibition Mixed).—Grown from our finest strains of seed. Flowers large and richly colored.

PAPAVER NUDICAULE (Iceland Poppy).—Neat, dwarf, very hardy plants, which commence blooming in early Spring, and continue throughout the entire season. Flowers, orange, scarlet, white, and yellow. 1 foot. Mixed colors.

PAPAVER ORIENTALE (Oriental Poppy).—No flowers are more striking than the Oriental Poppy. Flowers range from silvery white, pink, and salmon, to orange-scarlet, and crimson. 2½ feet. May to June. Superb Mixed. Each, 25c; dozen, \$2.50.

PAPAVER ORIENTALE MRS. PERRY.—A beautiful shade of salmon pink. Each, 25c; dozen, \$2.50.



Hardy Phlox
Elizabeth Campbell

Hardy Perennial Phlox *Phlox Decussata*

Hardy Phloxes are indispensable in the garden during Summer and Fall. No other hardy plants compare with them in brightening up the garden at a period when there is little else to bloom that can be depended upon. The increased use of hardy Phloxes for beautifying the home grounds, has led to a more intimate appreciation of their usefulness for indoor decoration. Practically all shades of color from purest white to deepest purple are available, and these delicate blooms will furnish abundant decorative material for a long period of time. Phloxes are hardy, easily grown, and not at all particular as to soil. They should be planted in a fairly open situation and for best results should be well manured. During very hot, dry weather, a good soaking of water will benefit them greatly. They may be planted from April to early June, and from early to late Fall. Price, each, 25c; dozen, \$2.50, exceptions noted. Delivered.

COQUELICOT.—Bright orange-scarlet with crimson eye. Very effective.

ECLAIREUR.—Carmine, salmon centre. An old favorite.

ELIZABETH CAMPBELL.—One of the loveliest Phloxes in existence. Immense trusses of light salmon pink.

EUROPE.—Snow-white with carmine eye. Extra large. Late.

FRAU ANTON BUCHNER.—Pure white. Extra large flowers, compact trusses.

IRIS.—Bluish violet with deeper centre. Very large.

MME. PAUL DUTRIE.—A beautiful pink, suffused white.

MRS. RUTGERS. (NEW)—Light rosy lilac with darker eye. Enormous broad truss. Each, 40c.

MRS. SCHOLTEN. (NEW)—Dark salmon pink. Enormous pyramidal spike. Each, 40c.

RICHARD WALLACE.—Pure white; bright crimson eye. A favorite.

RYNSTROOM.—Rose pink. Extra large flower and truss.

MCDONALD'S SUPERB PHLOXES, MIXED.—This splendid mixture is made from named varieties, carefully blended to give a wide range of color. Price, 3 for 50c; doz., \$1.50; per 100, \$10.00.

EARLY FLOWERING PERENNIAL PHLOX (PHLOX SUFFRUTICOSA)—A distinct class, commencing to bloom fully a month earlier than the foregoing "Decussata" class. Range of color somewhat limited.

BELLE PYRAMID (Suffruticosa)—Lilac-red, with white shades. Very early.

MISS LINGARD. (Suffruticosa)—White, faint lilac eye. Very early.

RUDBECKIA, LACINIATA, (Golden Glow).—Well-known plant with double golden-yellow flowers, borne in great numbers from June to Sept. 4 to 8 feet.

RUDBECKIA NEWMANNI.—Dark orange flowers with purple cone.

RUDBECKIA PURPUREA (Giant Purple Cone Flower).—Reddish purple flowers, with large cone of brown.

YUCCA FILAMENTOSA (Adam's Needle).—Highly ornamental foliage and flowering plant, with broad sword-like leaves, and immense heads of fragrant white flowers. 4 to 6 feet. June to July. Strong plants, Each, 50c; doz., \$5.00.



Hardy Phlox
Richard Wallace

Superb Tall Bearded Irises

Culture

Bearded Irises are quite easily grown. Plant shallow in any good well-drained garden soil. If soil is deficient in lime, a small quantity should be added to sweeten the soil and prevent rot. Irises succeed in moderately moist ground, but enjoy getting thoroughly dry after the flowering period. They reach their dormant state during August and September, after which they begin to make root growth.

Planting may be done either in Spring or Fall,—the earlier the better in Spring. Planting may safely be done through the Fall until the ground freezes.

All Irises we offer, endure our severe winters at Ottawa, although we usually cover plants lightly with litter or loose straw where late planting is necessary.

Rating.—The figures following name of variety, Introducer, and year, denote the value rating according to the American Iris Society's Symposium, recently published. This valuation is the result of a vote by 23 of the foremost Iris experts, the object being to score varieties according to their merit. The results may be summed up as follows—based on a possible score of 10. Under 6.0 poor; 6.0 to 8.0 good to very good; 8.5 fine; 9.0 extra fine; over 9.0 almost perfect. We have eliminated from our lists, all varieties scoring under 6.0, and replaced them with newer sorts decidedly superior, thereby offering our customers a thoroughly up-to-date selection.

DEJAZET—(Vilm. 1914) 8.3.—S. bronze-rose. F. bright reddish violet. A soft and beautiful blending of color. 24". Each, \$1.
DORA LONGDEN—(Bliss 1918) 8.1.—S. cream-buff, pink flushed at centre. F. rich reddish lilac. 30". Each, \$2.00.

DR. BERNICE—(Europe 1867) 7.4.—S. honey-yellow, shaded darker. F. velvety crimson. Very rich coloring and a great favorite. 30". Each, 30c; 3 for 75c.

EDOUARD MICHEL—(Verdier 1904) 8.6.—S. & F. rich claret-red. 32". Each, \$2.00.
E. H. JENKINS—(Bliss) New.—S. Pale bluish purple. F. shaded deeper. Plant of great vigour, strong stems, and exceedingly floriferous. 42". Each, \$5.00.

ELDORADO—(Vilm. 1910) 7.8.—Unique coloring. S. yellowish bronze, shaded with heliotrope. F. bright purple, shaded bronze. 30". Each, 40c; 3 for \$1.00.

FLAVESCENS—(De Candolle) 7.0.—An old variety, but still very useful as a pale yellow. 30".

GRACCHUS—(Ware 1884) 6.1.—S. primrose. F. veined and shaded purple. 20". Dwarf, and very pretty.

HER MAJESTY—(Perry 1903) 7.3.—S. lovely rose-pink. F. bright crimson, tinged darker. 30".

HERMIONE—(Newlands 1920) 8.8.—S. bright bluish purple. F. reddish purple. 30". Each, \$4.00.

INNOCENZA—(Lemon 1854) 7.1.—S. & F. ivory white. 30". Beautiful. Each, 30c.

Dora Longden

THESE "Orchids of the Garden" have become wonderfully popular during the last few years, and deservedly so, because they are without doubt, the most delicately colored of garden flowers,—many varieties emitting a most delightful fragrance. The newer varieties far surpass most of the older sorts, and in compiling this brief list, we have selected from our collection of nearly 300 varieties only those sorts which we know will give our customers entire satisfaction. Complete list of varieties grown at Maplewood supplied upon request.

GUARANTEE.—Our Irises carry the same guarantee as our Peonies.

In descriptions S. refers to the three upright standards; F. to falls or drooping petals.

Prices unless otherwise noted, 3 (of one variety) for 50c, dozen, \$1.75. All Irises are delivered prepaid.

ALCAZAR—(Vilm. 1910) 8.9.—Color unique, and of great richness. S. light mauve; F. deep purple with bronze veined throat. 40". Each, \$1.00; 3 for \$2.50.

AMAS—(Syn. *Macrantha*) 7.8.—S. light hyssop-violet; F. rich petunia-violet. Large fine flower. 30". Each, 40c; 3 for \$1.00.

AMBIGU—(Vilm. 1916) 8.3.—S. bright smoky red; F. blackish purple. Very rich coloring. 24". Resembles Opera, but not quite so "live" in color. 75c; 3 for \$1.85.

ARCHEVEQUE—(Vilm. 1911) 8.3.—S. deep purple-violet. F. velvety raisin-purple. Unusually deep rich color. Effective in mass. 24". Each 60c; 3 for \$1.50.

AZURE—(Bliss 1918) 8.2.—S. lavender-blue F. rich, soft blue. 36". Each, \$1.25.

BLUE LAGOON—(Bliss 1919) 8.1.—Pale blue bicolor. Each, \$3.00.

BRIDESMAID—(Salter 1859) 6.0.—Very dainty. S. white shaded silvery lilac. F. veined at base, and slightly frilled. 29". 40c.

CAMELOT—(Bliss 1918) 8.1.—S. & F. creamy white, edged pale violet. Very tall. 48". Each, \$1.25.

CANDELABRE—(Vilm. 1911) 6.6.—Not highly rated, but an Iris we like. S. long, erect, bright violet. F. rich violet. Very rich and splendid when massed. Each, 40c;

CAPRICE—(Vilm. 1904) 7.5.—S. rosy red. F. deeper rosy red. Large and handsome. 24". Each, 40c; 3 for \$1.00.

CLEMATIS—(Bliss 1917) 7.8.—Of variable form, sometimes resembling when open, a six petaled Clematis. S. & F. lavender-violet. 24". Each, \$3.00.

CLIO—7.3.—S. lavender passing to white. F. rich velvety purple. Each, 30c; 3 for 75c.

CLUNY—(Vilm. 1920) 8.6.—S. delicate lilac-blue. F. shaded deeper. Distinct and beautiful. 39". Each, \$1.50.

CRUSADER—(Foster 1913) 8.7.—S. clear light b'ue. F. deep violet-blue. 42". An extremely strong grower. Each, \$2.00.

DARIUS—(Parker 1873) 6.8.—S. rich canary-yellow. F. lilac, margined primrose. 18".



La Neige

IRIS KING.—(G. & K. 1907) 7.9.—S. Lemon-yellow. F. rich crimson-maroon, margined yellow. Large flowers. 24". Each, 60c; 3 for \$1.50.

ISOLENE.—(Vilm. 1904) 8.6.—S. dull, clouded, pinkish blue. F. old rose, golden at throat. Very beautiful, but a poor grower, and shy bloomer, with us. Each, 75c; 3 for \$1.85.

KNYSNA.—(Bliss 1917) 7.8.—S. deep canary-yellow. F. deep velvety reddish brown. 32". Fine contrast in color. Each, \$1.00.

LADY FOSTER.—(Foster 1913) 8.5.—S. pale blue. F. light bluish violet, veined old gold at throat. Very fragrant. Each, \$2.00.

LADY CHARLES ALLOM.—(Perry 1922) New.—S. & F. uniform dark blue-lavender. Striking orange beard. Like Eden Phillpotts, but smaller. 30". Each, \$1.50.

LA NEIGE.—(Verdier 1912) 8.3.—One of the finest white varieties in existence. Yellow beard. 24". Each, \$1.00. 3 for \$2.50.

LOHENGRIN.—(G. & K. 1910) 8.2.—A real beauty. S. & F. soft shade of cattleya-rose. 32". Each, 40c; 3 for \$1.00.

MME. CHEREAU.—(Lemon 1844) 7.4.—An old variety, but still one of the most popular. S. white, edged blue. F. large, frilled blue. 32".

MAORI KING.—(Ware 1890) 6.1.—S. rich golden yellow. F. velvety crimson, margined gold. 18". Very handsome.

MARY GARDEN.—(Farr 1913) 7.8.—S. pale yellow, flushed lavender. F. cream-white, dotted and veined maroon. 30". Each, 50c; 3 for \$1.25.

MEDRANO.—(Vilm. 1920) 8.5.—S. rich violet. F. deeper violet of rich velvety texture. 24". Large flowers. Coloring unique among Irises. Each, \$1.00; 3 for \$2.50.

MOLIERE.—(Vilm. 1920) 8.5.—S. rich violet. F. deeper violet of rich velvety texture. 27". A real good variety. Each, \$1.50.

MONSIGNOR.—(Vilm. 1907) 8.4.—S. violet. F. ground violet overlaid and veined deep purple. Beautiful rich coloring. 30". Fine flower. Each, 50c; 3 for \$1.25.

MRS. GEORGE DARWIN.—(Foster 1897) 6.0.—A lovely hybrid. S. & F. white reticulated gold and violet. 24".

MRS. NEUBRONNER.—(Ware 1898) 6.8.—Deep golden self. Very fine and rich. 23".

MRS. WALTER BREWSTER.—(Vilm.) New.—S. an exquisite shade of lavender blue. F. aniline-blue. 28". Vigorous grower, and extremely floriferous, with sometimes six blooms on a stem at one time. Each, \$5.00.

PALLIDA DALMATICA. 8.8.—S. lavender. F. clear, deep lavender. 40". Very fine, but sometimes troubled with root rot. Each, 40c; 3 for \$1.00.

PARC DE NEUILLY.—(Verdier 1910) 8.1.—Self colored deep blue-violet. Clear, pure and beautiful. Deliciously fragrant. Each, 40c; 3 for \$1.00.

PROSPERO.—(Yeld) New.—S. pale lavender flushed with yellow at base. F. deep reddish purple, with lighter shading at margin. Immense flowers. Strong grower. Extra fine. Each, \$3.50.

QUAKER LADY.—(Farr 1909) 8.4.—S. smoky lavender shaded yellow. F. Ageratum-blue, and old gold. 36". Each, 50c; 3 for \$1.25.

QUEEN ALEXANDER.—(Barr 1910) 7.5.—S. rose-lavender. F. lilac veined at base with bronze. Each, 30c; 3 for 75c.

RAFFET.—(Vilm. 1920) 8.1.—S. & F. uniform rich, dark blue. F. striped white at base. Yellow beard. 27". Each, \$1.50; 3 for \$3.75.

RICHARD II.—(Dykes, 1914) 7.4.—Seedling of Black Prince. S. Pure white. F. rich deep violet edged white. Very odd coloring. 24". Each, \$2.50.

RODNEY.—(Bliss, 1919) 8.3.—S. & F. self violet-blue. Large flower of fine form. 39". Each, \$2.50.

ROMANY.—(Bliss, 1919) 8.6.—S. pale dusky yellow. F. bright red, well reticulated. Good shape. 24". Each, \$1.00; 3 for \$2.50.

SHERWIN WRIGHT.—(Kohankie, 1915) 7.6.—S. & F. golden yellow. Vigorous and free-flowering. 30". Each, 40c; 3 for \$1.00.

TARTARIAN.—(Bliss, 1919) 8.5.—Enormous flowers of but fair substance. Two shades of light lavender. 36". Each, \$1.50.

TITUS.—(Perry, 1922) New.—Uniform shade of bright rosy pink. Large globular flower. Each, \$1.50.

TOM TIT.—(Bliss, 1919) 8.0.—Flowers small, of deep self violet-blue. F. almost horizontal. Each, \$1.50.

TRISTRAM.—(Bliss, 1919) 8.2.—S. of clearest white. F. deep rich purple. Each, \$2.00.

TRIANON.—(Vilm. 1921)—S. yellowish buff, suffused rosy lilac. F. light rosy lavender. Very delicate and lovely. Good grower, and free-flowering. 30". Each, \$2.50.

TURCO.—(Vilm. 1921)—S. beautiful lilac-rose. F. yellow suffused blue. 30". Each, \$2.50

WYOMISSING.—(Farr, 1909) 7.2.—S. creamy white, suffused soft rose. S. deep rose shading to flesh colored border. Each, 75c; 3 for \$1.85.

MAPLEWOOD IRIS MIXTURE.—This superb mixture is made wholly from named sorts, of which we have surplus stocks, and can be depended upon to give entire satisfaction. 3 for 40c; doz., \$1.25; per 100 \$9.00.



Shekinah



A Profusion of Luxuriant Blooms of Festiva Maxima

McDonald's Superb Peonies

Of all hardy flowers for Canada, Peonies stand well in the foreground. They will live for years even if totally neglected, but like other plants, they will repay the grower for a little attention. Being perfectly hardy throughout Canada, they will withstand our severest winters without injury.

Peony blooms are large, showy, and of various forms; colors ranging through all shades from pure white to deep purple-garnet. Practically all varieties are deliciously fragrant. The foliage is rich and glossy, of a rich deep green color, rendering the plant very ornamental even when not in bloom. No flower is more satisfactory for artistic landscape effect, while for cutting for indoor decoration, the Peony is unsurpassed.

Diseases and insect pests are almost unknown to the Peony. Ants oftentimes are found on the buds, but they do no harm as they are merely after a sweet sticky juice that exudes from the bud.

If a careful selection of varieties is made, Peony blooms may be enjoyed for fully six weeks.

All roots we offer are of our growing. We offer from our extensive collection a very carefully selected list representing the cream of the world's most famous Peony breeders. Many rare varieties are included as well as the best of the standard sorts.

TREATMENT.—The Peony is so easily grown that but little need be said regarding its culture. We use great care in packing, and the roots usually reach our customers as fresh as when dug. If they happen to be slightly shrivelled, immerse them in water for 6 or 8 hours.

Peonies do well when planted in well-drained soil where they will receive full sun, and where the soil will not be impoverished by the roots of trees and large shrubs. Any soil suitable for raising vegetables is good for Peonies. An annual top dressing of manure close to the plants is sufficient. If the soil is poor, better when planting, dig a hole two feet wide and two feet deep, fill in with what when firmly packed, will make nine inches of good well-rotted stable manure, throw in about 5 inches of soil upon which set the root, then fill in, working soil well in about the root. The tops of the buds or "eyes" should be 2 or 3 inches below the level of the soil.

Peonies should not be planted closer than 3 feet apart. While covering in winter is not always essential, a light mulch of straw or strawy manure after the ground is frozen hard, will give protection. In Spring, remove the mulch. Cultivation before blooming is especially beneficial. Peonies are gross drinkers as well as gross feeders, consequently a liberal supply of water before blooming will do much towards finer blooms. When extra large specimen blooms are desired for exhibition purposes, remove the side buds as soon as they appear. This will throw all the strength into the terminal bud. In order to enjoy the most delicate tints, the flowers should be allowed to open in the house, as the sun bleaches the colors. Cut them in the bud just as the guard petals begin to open, and as each bud is cut, drop it into a pail of fresh water. This lengthens the life of the blooms. When cutting flowers, be sure to leave at least two leaves remaining on each stem to insure root growth for another year. Stalks may be cut to the ground after September 1st if desired.

GUARANTEE—We guarantee our stock true to name. Mistakes rarely occur, but when they do we will cheerfully re-fill the order without expense to purchaser. Please bear in mind, however, that many Peonies do not produce typical blooms until plants become well established, which is the third year. Double varieties sometimes throw single blooms first year, fair blooms the second, and fine, typical flowers the third year.

Peonies may be planted any time during the Spring or Fall. Fall planting generally being recommended. With our system of digging each order separately and forwarding immediately after digging, the plants get practically no check provided our customers plant them immediately upon arrival. But, if you have failed to plant in the Fall, do not hesitate to plant in the Spring, since you will have strong established plants the following year, thereby saving practically a full year.

We send out strong roots, grown one or two years since division. These will, in most cases, bloom the year following planting.

Extra heavy clumps of 3 to 4 years old for immediate effect can be supplied at double price. Scarce, high-priced novelties can be supplied only in ordinary sized plants.

We GROW and carry good stocks of all Peonies listed.

Quantity Discounts.—Peony orders of from \$10.00 to \$30.00 in value are subject to 10% discount; over \$30.00, 15% discount.

Prices quoted include carriage charges by parcel post or express at our option.

The figures following variety, introducer, and year, denote value rating according to the American Peony Society. The valuation is on a scale of 10 in which a grade of 10.0 represents absolute perfection in both plant and bloom.

ADOLPHE ROUSSEAU—(D. & M., 1890) 8.5.—Very large, semi-double. Tall vigorous grower. One of the best very early dark red Peonies, being deep purplish garnet with dark foliage veined red. Each, \$1.50; 3 for \$3.75.

ALBATRE—(Crousse, 1885) 8.7.—One of the finest white Peonies. Milk-white, shaded ivory with a tinge of pink and minute carmine line on the centre petals. It is of compact rose type, very large, fragrant, and a tall vigorous grower, and free bloomer. We have a fine stock of the true variety, which is greatly superior to the low-priced sort usually sold under this name. Each, \$1.00; 3 for \$2.50.

ALBERT CROUSSE—(Crousse, 1893) 8.6.—Late. Very large, flat, compact bomb. Fresh salmon-pink with delicate shadings of rose-white. Fragrant, and a vigorous free bloomer. Each, \$1.00; 3 for \$2.50.

ALSACE-LORRAINE—(Lemoine, 1906) 8.8.—Large, flat, semi-rose type. Late midseason. Petals arranged like a water-lily. Rich creamy white, deepening to pale yellow. Easily scores the six points of excellence. A very fine attractive variety. Erect growth. Each, \$4.00; 3 for \$10.

ASA GRAY—(Crousse, 1886) 8.1.—Large rose type, midseason. Pale pink with tiny dots of deeper color. Fragrant. Asa Gray always attracts attention and calls forth exclamations of delight and admiration. Each, \$1.00; 3 for \$2.50.

AURORE—(Dessert 1904) 8.0.—Large, flat, loose, semi-rose type. Late. Lilac-white with collar of milk-white, flecked with crimson. Guards prominently flecked carmine. Fragrant. A superb peony. Each, \$2.00; 3 for \$5.00.

BARONESS SCHROEDER—(Kelway, 1889) 9.0.—Very large, globular, rose type. Flesh-white fading to milk-white. Very fragrant. One of the finest peonies. Tall, strong grower. Free bloomer. Each, \$2.00; 3 for \$5.00.

BERLIOZ—(Crousse, 1886) 7.0.—Rose type. Late midseason. Light carmine-rose tipped silver. Very attractive. Each, 60c; 3 for \$1.50.

CLAIRE DUBOIS—(Crousse, 1886) 8.7.—Large, globular, rose type. Late midseason. Clear, deep violet-rose, tipped silvery white. A glorified Mons. Jules Elie. Delicate fragrance. Very fine. Each, \$1.50; 3 for \$3.75.

COURONNE D'OR—(Calot, 1873) 8.1.—Large, flat, semi-rose type. Late midseason. This variety is well named "Crown of Gold." Flowers pure white with a ring of golden yellow stamens round a tuft of centre petals pencilled carmine. This is one of the best peonies in cultivation. Possesses a delightful water-lily fragrance. Each, 75c; 3 for \$1.85.

DISTINCTION—(Dessert, 1895) 6.4.—Anemone type. Midseason. Guards light carmine-rose. Very narrow centre petals of the same shade striped with golden lines. Very fragrant. Each, \$2.00; 3 for \$5.00.

DUCHESS DE NEMOURS—(Calot, 1856) 8.1.—Crown type. Early. Two days later than Festiva Maxima. Superb cup-shaped sulphur-white flowers; no crimson flecks. Fragrant. Free bloomer. Vigorous grower. Very fine in half open bud state. Each, 60c; 3 for \$1.50.

DUC DE WELLINGTON—(Calot, 1859) 7.8.—Large bomb with white guards. Sulphur centre. Late midseason. A vigorous tall grower with strong upright stems. Immense flowers with high-built centre. Free bloomer. Very fine. Each, 50c; 3 for \$1.25.

EDULIS SUPERBA—(Lemon, 1824) 7.6.—Large, loose, flat crown. Early. Bright clear mauve-pink with silvery reflex. Exceedingly fragrant. Strong, upright, free bloomer. A good peony. Each, 50c; 3 for \$1.25.

EUGENE VERDIER—(Calot, 1864) 8.3.—Very large, compact rose type, Late. This variety has been greatly confused with L'Indispensable. Color,—pale hydrangea-pink; outer petals lilac-white. Fragrant. Erect. Dwarf. Extra strong stems. Stock scarce. Each, \$2.00.

EUGENIE VERDIER—(Calot, 1864) 8.6.—Semi-rose type. Midseason. Delicate hydrangea-pink, collar lighter, centre flushed crimson. A most beautiful peony. Each, \$1.50; 3 for \$3.75.

EVANGELINE—(Lemoine, 1910) 8.1.—Rose type. Midseason. Large, very compact. Pale lilac-rose splashed scarlet. Deliciously fragrant. A splendid sort. Each, \$5; 3 for \$12.50.

FELIX CROUSSE—(Crousse, 1881) 8.4.—One of the best reds. Bomb type. Late midseason. A self-colored, full, rich, brilliant, red. Its large, globular flowers are compactly built from edge to centre. Strong, vigorous grower. Very fragrant. Free bloomer. Medium height. Each, 75c; 3 for \$1.85.

FESTIVA MAXIMA—(Mieliez, 1851) 9.3.—There is no peony more popular than Festiva Maxima, and among even the highest priced sorts, it has few superiors. Large, globular rose type. Snowy-white prominently flecked crimson. Outer petals sometimes faint lilac-white on first opening. Tall, vigorous grower, early, and excellent for cut flowers. Each, 60c; 3 for \$1.50.

GENERAL DODDS—(Crousse, 1893) 7.2.—Large, globular, semi-rose type. Late, rich, brilliant red, with a few white petals in centre. An extra fine free-flowering sort. Tall, strong grower. Each, \$1.50; 3 for \$3.75.

GOLDEN HARVEST—(Rosenfield, 1900) 7.3.—Bomb type. Midseason. Guards, pale lilac-rose, centre creamy-white, developing many wide petals of a peach-blossom pink. Fragrant. Dwarf. Free bloomer. Each, 60c; 3 for \$1.50.

JAMES KELWAY—(Kelway, 1900) 8.7.—Semi-rose type. Early midseason. Full, double flowers of rose-white, changing to milk-white, with yellow tinges at base of petals. Each, \$2.00; 3 for \$5.00.

KARL ROSENFELD—(Rosenfield, 1908) 8.8.—Semi-rose type. Midseason. Flowers large, globular, compact. Very brilliant, rich, velvety crimson. A perfect ball. Each, \$4; 3 for \$10.00.

LADY ALEXANDER DUFF—(Kelway, 1902) 9.1.—Rose type. Immense flower of fine form. Sweetly scented. Colour delicate pale pink or blush, fading to white. Midseason. Each, \$10.00.

LA FEE—(Lemoine, 1906) 9.2.—Crown type. Early. Large, globular flower, compact and double. Rosy pink, with cream-white collar, long petals. Exceedingly fragrant. Free bloomer. Each, \$15.00.

LA FRANCE—(Lemoine, 1901) 9.0.—Very distinct, and attractive variety of the most perfect rose type. Very large, compact, and globular. Delicately colored a dainty-rose-white with splashes of crimson on the outer guard petals. Very fragrant, and a tall, vigorous, free bloomer. Late midseason. Each, \$10.00.

L'INDISPENSABLE—(Unknown) 7.3.—Rose type. Late midseason. Lilac-white shading to pale violet-rose toward the centre. A very beautiful variety. Each, 75c; 3 for \$1.85.

LA LORRAINE—(Lemoine, 1901) 8.6.—Immense creamy white flowers of globular form. Delicate fragrance. Very fine. Each, \$7.50; 3 for \$18.75.

LA MARTINE—(Lemoine, 1908) 8.4.—Large, compact, globular, rose type. Midseason. Large, fine flowers with broad imbricated petals of great durability. Color,—rosy carmine bordered silvery white. Exceedingly fragrant. Strong, erect grower. A very beautiful variety. Each, \$10.00.





LE CYGNE.—(Lemoine, 1907). 9.9.—Large globular, semi-rose type. Midseason. An extremely rare variety which connoisseurs agree is the finest white peony in cultivation. Flower is pure snowy-white throughout. Its tround compact type of bloom makes it easily distinguishable from all others. Deliciously fragrant. Scored 9.9. out of possible 10 in the American Peony Society's voting contest on the newer varieties. Distinct and very beautiful. Rare. Each, \$15.00.

LA PERLE.—(Crousse, 1886) 8.5. — Rose type. Midseason. Deep lilac-white; blush centre prominently flecked carmine. Fragrant. Extra strong, free bloomer. Extra good. Each, \$1.00; 3 for \$2.50.

LAURA DESSERT.—(Dessert, 1913) 8.8.—Rose type. Early. Lovely large full flowers. Guard petals creamy white. Centre lively canary yellow. A superb variety. Each, \$15.00.

LIVINGSTONE.—(Crousse, 1879). 8.1. — Very large, compact. Perfect rose type. Pale lilac-rose with silver tips. Central petals flaked carmine. Odor lacking. Very strong. Medium height. Free bloomer. Extra good variety. Each, \$1.00; 3 for \$2.50.

LONGFELLOW.—(Brand, 1907) 9.0.—An extra fine red peony of American origin. In color, bright crimson with a cherry tone. Ranks next to Phillippe Rivoire in Symposium. Each, \$15.00.

LORD KITCHENER.—(Renault, 1916) 7.6 —Rose type. Very early. Brilliant cherry red. Very free and vigorous. One of the very first peonies to bloom. Fragrant. Each, \$2.50; 3 for \$6.25.

MME. AUGUSTE DESSERT.—(Dessert, 1899) 8.6.—Semi-rose type. Early mid-season. Large imbricated flower, fine form. Uniform violet-rose guards and centre slightly flecked crimson. Each, \$2.50; 3 for \$6.25.

MME. DE VERNEVILLE.—(Crousse, 1885) 7.9.—Bomb type. Early. Guard petals pure white. Centre, blush fading to white. Flaked carmine on centre petals. Fragrant. Free bloomer. An extra good variety. Each, 60c; 3 for \$1.50.

MME. EMILE LEMOINE.—(Lemoine, 1899) 8.9.—Large, compact, rose type. Mid-season. Glossy white tinged pale pink and sprinkled with tiny dots of deeper shade. Medium height. Spreading habit. Each, \$2.00; 3 for \$5.00.

MME. FOREL.—(Crousse, 1881) 7.7.—Large, very compact, imbricated rose type. Late. Clear bright pink with a silvery tipped centre. Very fragrant. An extra fine variety. Each, \$1.00; 3 for \$2.50.

MME. GEISSLER. — (Crousse, 1880) 7.9.—Full, globular, rose type, with large imbricated petals, Midseason. Color,—clear satiny light pink, tipped silver. Exceedingly fragrant. Very large blooms. Each, \$1.00; 3 for \$2.50.

MME. JULES DESSERT.—(Dessert, 1909) 9.4.—Rose type. Midseason. Very large imbricated flat flower of beautiful form and exquisite coloring. White shaded flesh and straw-yellow, showing golden stamens. Extra fine. Each, \$7.50.

MARGUERITE GERARD. — (Crousse, 1892) 8.4 —Semi-rose type. Midseason. Enormous, flat shaped flower with wide petals. Color,—delicate salmon-pink fading to creamy white. Central petals flecked dark carmine at tips. This is one of the grandest peonies in existence. Each, \$1.00; 3 for \$2.50.

MARIE CROUSSE.—(Crousse, 1892) 8.9.—Bomb type. Midseason. Uniform pale lilac-rose. Tall, erect, strong grower, free bloomer. A very desirable peony. Each, \$2.00; 3 for \$5.00.

MARIE JACQUIN. — (Verdier). (Syn. Bridesmaid) (Kelway); Waterlily (Barr). 8.3—Distinct and beautiful. Semi-double type. Midseason. Color,—lovely rose-white fading to lilac-white; wide incurved petals filled with yellow stamens like a water-lily. Rich fragrance. Each, \$1.00; 3 for \$2.50.

MARIE LEMOINE.—(Calot, 1869) 8.5.—Compact, rose type. Very late. Flowers enormous. Pure-white with cream-white centre. Occasional carmine tip. Fragrant. An extra good commercial variety. Each, 75c; 3 for \$1.85.

MARTHA BULLOCH.—(Brand, 1907) 9.1 —Rose type. Mammoth cup-shaped blossoms. Deep rose-pink in centre, shading to silvery shell-pink in the outer petals. Flowers are borne on strong, stiff stems. Structure fine and delicate. Fragrance very sweet. Each, \$25.00.

MARY BRAND.—(Brand, 1907) 8.7.—Immense, full, massive blooms of vivid crimson. Delightful fragrance. Strong grower. Free bloomer. Each, \$7.50.

MONS. JULES ELIE.—(Crousse, 1888) 9.2.—Bomb type. Early midseason. Considered by many the finest of all peonies. Immense, globular, very full flowers of pale lilac-rose; collar lighter, shaded amber-yellow at base. Very fragrant. Easily scores the six points for excellence. A prize winner everywhere. Extra. Each, \$1.00; 3 for \$2.50.

THERESE
As grown at
Maplewood.

MONS. MARTIN CAHUZAC.—(Dessert, 1899) 8.8.—The darkest peony in cultivation. Distinct and handsome. Semi-rose type. Midseason. Large, full massive; flowers are dark purple-garnet, black reflex, and so glossy that the petals appear as if varnished. Foliage dark green. Stems red. Each, 4.50; 3 for \$11.25.

OFFICINALIS ALBA PLENA.—Very early. Large convex double flowers of purest white. Blooms much earlier than the Chinese section. Each, \$1.00.

OFFICINALIS RUBRA PLENA.—The popular old-fashioned early red peony. Large globular flowers of brilliant crimson. Each, 50c; 3 for \$1.25.

PHILLIPPE RIVOIRE.—(Rivière, 1911) 9.2.—Rose type. The finest red peony in existence, and exceedingly rare. Large, well formed, cup-shaped flower of a dark amaranthine red. Tea-rose fragrance. Erect, and a vigorous grower. Each, \$25.00.

PRIMEVERE.—(Lemoine, 1907) 8.6.—Bomb type. Midseason. Large blooms borne in clusters on strong stems. Guards creamy-white, splashed scarlet; centre light sulphur-yellow. The nearest approach to a yellow peony in the Chinensis section. Each, \$6.00; 3 for \$15.00.

REINE HORTENSE.—(President Taft) (Calot, 1857) 8.7.—Rose type. Mid-season. Delicate hydrangea-pink completely enveloped in a halo of angelic white. Centre prominently flecked crimson. A distinct and beautiful variety, and one that should be included in every collection. Deliciously fragrant. Each, \$1.50; 3 for \$3.75.

RICHARD CARVEL.—(Brand, 1913) 8.8.—Immense globular bomb type. Bright crimson. Very early. Pleasant odor. A great favorite. Each, \$6.00.

ROSA BONHEUR.—(Dessert, 1905) 9.0.—Very large, rose type. Midseason. Wide imbricated petals. Light violet-rose, guards flecked crimson. Erect, strong grower. Very delicate and lovely. Each, \$5.00.

SAPHO.—(Lemoine, 1900) 6.8. — Semi-rose type. Midseason. Blooms well formed and compact. Color pure mauve with silvery reflex, prominently tipped silver. Tall, vigorous free bloomer. Each, \$2.50.

SARAH BERNHARDT.—(Lemoine 1906) 9.0.—Flat, compact, semi-rose type. Mauve-rose tipped silver. Fragrant. Tall, free bloomer. Each, \$4.00; 3 for \$10.

SOLANGE.—(Lemoine 1907) 9.7.—Rose type. Mid-season. Outer petals delicate to lilac-white, deepening toward the centre, with salmon. shadings. Very beautiful. Strong, erect grower. Each, \$10.00.

SOLFATARE.—(Calot, 1861) 7.6. — Crown type. Midseason. Milkwhite guards; sulphur collar fading to sulphur-white. Until the productions of Primevere, this peony was recognized as the nearest approach to a yellow. Extra fine. Each, 75c 3 for \$1.85.

SPLENDIDA. 8.3.—Very large, globular, cup-shaped, rose type. Light violaceous pink. Exceedingly fragrant. Free bloomer. Very beautiful. Each, \$2.00; 3 for \$5.00.

SUZANNE DESSERT.—(Dessert, 1890) 7.7.—Semi-rose type. Midseason. Large, compact, globular, pure mauve flowers, centre splashed crimson. Tall, strong grower. Extra good. Each, \$1.50.

THERESE.—(Dessert, 1904) 9.8.—This is a peony introduced by Dessert of France and is recognized throughout the world as the best all round pink peony—in fact we doubt very much if any peony of any color can surpass it. In spite of its having been introduced some 20 years ago, stock of Therese is still extremely scarce, in fact is practically unobtainable in Europe today.

It is an exceptionally attractive flower of glossy flesh, lightly shaded pink in the centre. Very large compact rose type, later developing a high crown. Strong, vigorous grower and a free bloomer. Perfect in every respect. Each, \$6.00.

TOURANGELLE.—(Dessert 1910) 9.4.—Rose type. Late midseason. Large, flat flower of exquisite and delicate coloring. Flesh tinged rose and salmon. Very attractive. One of the very best. Each, \$7.50.

TRIOMPHE DE L'EXPOSITION DE LILLE.—(Calot, 1866) 7.8.—Rose type. Late midseason. Pale Hydrangea-pink, minutely splashed violet-rose; guard petals fading to nearly white. Fragrant. Strong free bloomer. Each, \$1.25; 3 for \$3.10.

VENUS.—(Kelway) 8.3.—High, compact crown. Pale hydrangea-pink, with lighter collar. Tall, free bloomer. Each, \$2.00.

VIRGO MARIE.—(Calot, 1859) 6.5.—Bomb type. Late. Uniform, pure ivory-white without crimson markings. Fragrant. Each, 75c.

ZOE, CALOT.—(Mieliez, 1855) 7.0.—Rose type. Midseason. Very large, globular bloom. Color,—soft pink, shaded lilac. Free bloomer. Each, 75c.

NOTE.—Complete list of all peonies grown at Maplewood upon application.



The Glory of June.

McDONALD'S SUPERB PEONY MIXTURE

—This mixture is made from good double varieties, of which we have surplus stocks. Roots are of strong blooming size, and will supply a well balanced range of color. Price, 3 for \$1; doz., \$3.50; per 100, \$25.00, delivered prepaid.

Single and Japanese Herbaceous Peonies

These peonies are considered by many, to be more artistic and beautiful than the double sorts. They are especially valuable for landscape effects.

AVANTE GARDE. — (Lemoine 1907)—Medium sized flower, beautiful rose-pink. Each, \$4.00.

CLAIRETTE.—Pure white. Golden yellow anthers. Each, \$5.00.

GERTRUDE.—Brilliant rose-pink. Fine form. Each, 75c.

LA FIANCEE.—(Syn. The Bride)—The finest single white. Large. Each, \$3.00.

L'ETINCELANTE.—(Dessert 1902)—Lively carmine with pronounced silvery margin. Each, \$3.50.

MADELEINE GAUTHIER.—(Dessert 1908)—Silvery flesh-pink. Dwarf. Each, \$5.00.

ROSY DAWN. — (Barr)—Snow-white, slightly tinged blush upon opening. Resembles an immense water-lily. Each, \$2.00.

THE MOOR.—Blackish crimson. Tall, vigorous grower. Free bloomer. Each, \$1.00.

SINGLE MIXED.—All colors. 3 for \$1.25; doz., \$4.

(NOTE)—In addition to the above, can supply many other varieties in Single and Japanese. (Ask for list).



Marie Jacquin.



Hardy Ornamental Shrubs & Vines

THE home grounds, simply and tastefully planted with well selected shrubs and climbers, present an atmosphere of comfort and beauty not to be obtained in any other way. We give hereunder, a list of hardy shrubs and vines, suitable for the purpose. We can supply many ornamental trees and shrubs not here listed. Most shrubs we send out, are too large to be forwarded by mail, consequently, all orders will be forwarded by express or freight, at purchaser's expense, (exceptions noted). No extra charge for cases or packing.

BERBERIS THUNBERGI (Japanese Barberry).—A well-known hardy shrub, beautiful throughout the entire year. Foliage is of a handsome, greenish shade until Fall, when it takes on the most gorgeous autumn tints. Brilliant scarlet berries persist throughout winter. The finest hardy deciduous shrub for hedges. It may be pruned to form, or grown naturally either as hedge or specimen plant for lawn. Extra strong plants, each, 50c; doz., \$5.00; per 100, \$35.00.

BERBERIS VULGARIS PURPUREA (Purple-leaved Barberry).—A good purple leaved variety, suitable for hedges, or as specimen plants, Each, 50c; doz., \$5.00.

CARAGANA ARBORESCENS, (Siberian Pea Shrub).—An erect shrub or low tree, bearing clusters of yellow, pea-shaped flowers in May. Attains a height of 8 to 10 feet. Makes an excellent hedge. Plants 2 to 3 feet,—each, 50c; dozen, \$5.00. Mailing size each, 35c, postpaid. Small plants for hedges, per 100, \$25.00.

CORNUS, Dogwood.—The general planting of the Dogwoods in shrubberies and ornamental grounds, attests the great value that is placed on them. Their main value lies in the varied bright colors of the bark and branches which make them splendid winter features.

CORNUS, ALBA SIBIRICA, (Siberian Red Dogwood).—An upright shrub, with bright blood-red branches. Flowers, creamy-white; fruit, bluish white, 6 to 10 feet. Very effective in contrast with snow. Each, 60c; dozen, \$6.00.

CYDONIA JAPONICA (Japan Quince).—Very ornamental spiny shrub, with glossy, shining foliage. In early Spring, its dazzling scarlet flowers cover the entire shrub before its leaves appear. 5 to 6 feet. Each, 75c; doz., \$7.50.

DEUTZIA (Snow Flower).—Ornamental and very floriferous hardy shrub. Its fragrant flowers are borne on long arching branches.

DEUTZIA GRACILIS (Dwarf Deutzia).—Makes a dwarf bush, 1½ to 2 feet high, and may be planted in beds by itself, or as edgings to taller subjects. Snow-white flowers. Pendulous branches. May to June. Each, 60c; dozen, \$6.00.

DEUTZIA CRENATA, (Pride of Rochester).—Tall growing variety with large white and pink flowers. June to July. 6 feet. Distinct and valuable. Each, 60c; dozen, \$6.00.

DEUTZIA LEMOINEI (LeMoine's Deutzia).—Shrub of medium size. 3 feet. June. Flowers, white, borne in large clusters. Vigorous and very free-flowering. Each, 60c; dozen, \$6.00.

FORSYTHIA (Golden Bell).—Charming deciduous, hardy shrubs of easy culture, producing in early Spring, a dazzling mass of golden blossoms, even before the handsome green foliage has shown itself.

FORTUNEI (Fortune's Forsythia).—8 to 12 feet. Yellow flowers. Blooms in early spring. Very fine. Each, 60c; dozen, \$6.00.

SUSPENSIVA (Drooping Golden Bell).—Very long, sweeping, green branches. Valuable for covering arches and trellises, also for planting to droop over embankments. 8 to 12 feet. May. Each, 60c; dozen, \$6.00.

Hardy Hydrangeas

These popular and highly decorative hardy shrubs cannot be too highly praised. They form one of the most spectacular groups of flowering shrubs known, with their enormous clusters of delicately colored blossoms, in late summer and Fall. As autumn advances, their flowers gradually take on darker tints, producing most charming effects.

HYDRANGEA PANICULATA GRANDIFLORA.—There is probably no other hardy shrub in cultivation, so well known as this one. Its immense white panicles of bloom are borne at the ends of graceful branches. Well adapted for specimen planting on the lawn,—for massing,—or may be interspersed with other shrubs in the border. Height, 8 to 10 feet. Blooms from August till frost. Strong plants, each, 75c; doz., \$7.50; Mailing size each, 60c, postpaid. Specimen plants each, \$1.25; doz., \$12.50.

HYDRANGEA ARBORESCENS GRANDIFLORA ("Hills of Snow").—A free blooming variety, with large clusters of pure white flowers. Height 4 to 6 feet. Winter kills slightly at Ottawa, but hardy enough to ensure abundant bloom. Each, 75c; doz., \$7.50.

LIGUSTRUM AMURENSE ("Amoor River Privet").—Similar to California Privet, so popular South,—but hardier. Makes a beautiful hedge. We have found this variety hardy at Maplewood where two years ago we planted a large quantity for trial. Strong plants, each, 50c; doz., \$5.00; per 100, \$30.00.

LONICERA TATARICA (Tartarian Bush Honeysuckle).—An old favorite, and one of the most attractive shrubs grown. Flowers, borne in late May, are bright pink, contrasting beautifully with foliage. Branches, spreading. Fruit, red or orange, ripening in summer, and persisting until autumn. 5 to 10 feet. An extra fine, very hardy shrub, of easy culture. Each, 60c; doz., \$6.00.

PHILADELPHUS, "Mock Orange".—The well-known variety "Coronarius," with its masses of large, sweetly scented, white flowers, has for years rivalled the Lilac in popularity.

PHILADELPHUS CORONARIUS.—The old-fashioned variety, which still retains its popularity. Flowers, white, sweetly-scented, borne on long, graceful branches. Blooms about June 15th. Height 5 to 10 feet. Strong plants. Each, 60c; doz., \$6.00.

PHILADELPHUS BOULE D'ARGENT.—One of Lemoine's hybrids. Dwarf, compact. Its sweet-scented, double flowers are pure white. Very desirable. 4 to 5 feet. June. Each, 75c; doz., \$7.50.

SYMPHORICARPOS RACEMOSUS (Snowberry).—Small, pinkish flowers in summer, followed by white, waxy berries, which remain on plants well into the winter. Long, slender branches. Very graceful. 3 to 5 feet. Each, 60c; doz., \$6.00.

SYMPHORICARPOS VULGARIS (Coral Berry).—Flowers, greenish red in summer. Berries, coral red. Showy in winter, 3 to 5 feet. A good companion to the Snowberry. Each, 60c; doz., \$6.00.

HAVE YOU A KOSTER ON YOUR LAWN?—The Koster Spruce, with its silvery blue foliage, is the best, and most popular ornamental Evergreen. Individual specimens planted on the lawn, add charm to the home grounds, being wonderfully attractive, throughout the entire year. Perfectly hardy, Quick grower. Of easy culture.

We offer fine, shapely plants, balled, and burlapped, in the following sizes, packing free: 1 to 1½ feet, \$3.00; 1½ to 2 feet, \$4.00. Larger sizes quoted.

Spirea, Meadow Sweet

Showy, free-flowering, hardy shrubs, of inestimable value. They range in height from very dwarf to tall, and bloom from May until late summer. Probably the most beautiful of all Spireas for hedges or specimen planting, is "Van Houttei," listed below:—**SPIREA VAN HOUTTEI**.—A very ornamental shrub which is handsome throughout the entire year. When in flower, is a complete mass of tiny white blooms, the foliage hardly showing. Very effective when planted singly, or in groups on the lawn. Makes a wonderful hedge, of medium height,—5 to 8 feet. Blooms about June 15th.

PRICE, Small plants for hedges,—doz., \$4.75; per 100, \$35.00; Mailing size, 50c each, postpaid. Large plants, each, 75c; doz., \$7.50; Extra large specimen plants, each, \$1.25; doz., \$12.50.

SPIREA ANTHONY WATERER.—A dwarf variety of dense growth, with large showy, flat heads of crimson flowers. Commences blooming in early summer, and continues until late Fall. Each, 60c; doz., \$6.00.

SYRINGA, (The Lilac).—Lilacs are always admired, and universally loved, for the many old associations and tender sentiments woven about them. Hybridizers, in recent years, have wrought wonderful improvements in the Lilac, both in size of flower, and truss. The blooming season has been prolonged by the addition of earlier, and later varieties. Besides the best of the standard sorts, our list includes many of the newer hybrids. Price,—strong, young, 2 to 3 year old plants,—each, 75c; doz., \$7.50, except where noted.

DOUBLE-FLOWERED LILACS:

Alphonse Lavallee.—Bluish violet. Belle de Nancy.—Satiny-rose.

Charles Joly. Bright crimson. Dr. Troyanowsky.—Lilac blue.

Jacques Calot.—Reddish violet,—\$1.50, each.

Lemoine, fl. pl.—Pink, 90c. Mme. Abel Chatenay. Pure white.

Mme. Lemoine.—An extra fine pure white, one of the very best.

Michel Buchner.—Pale lilac.

Victor Lemoine.—Very large azure-lilac.

Waldeck-Rousseau.—Lilac-rose, white centre, \$1.50, each.

SINGLE FLOWERED LILACS.

Anna Elizabeth Jacquet.—Purple. Charles X.—Red.

Congo.—Deep reddish purple, 90c, each.

Gloire de Lorraine. Lilac.

Gloire de Versailles.—Deep lilac. Hugo Koster.—Soft lilac.

Mme. Francisque Morel.—Rosy lilac, extra fine. 90c, each.

Marie Legraye.—Pure white. Very popular.

Perle von Teltow.—Soft lilac.

President Massart.—Soft pink. 90c, each.

Souvenir de L. Spaeth.—Dark purple.

VARIOUS LILAC SPECIES

PERSICA ALBA.—A white Persian lilac. 90c. each.

VILLOSA.—A species from China, blooming about June 15th. Leaves somewhat rough. Bluish-pink flowers are produced in large panicles. 90c. each.

VULGARIS.—The common, old-fashioned Lilac, with fragrant purple flowers. Still popular. Each, 75c; dozen, \$7.50.

VIBURNUM. A group of very handsome hardy shrubs, of much value as specimen plants on the lawn, and for grouping and massing. They are not only attractive when in flower, but some species produce large clusters of bright scarlet berries.

VIBURNUM OPULUS STERILE, "Snowball Tree."—One of the most popular and effective shrubs, with large spherical heads of white flowers in profusion. It has handsome foliage of a rich green tint. Without doubt, one of the best of flowering shrubs. 8 to 10 feet. May. Each, 60c; dozen, \$6.00.

VIBURNUM OPULUS.—"High Bush Cranberry."—Handsome shrub, 8 to 12 feet. high. Flowers, white, blooming in late May, and early June. Berries scarlet. Makes fine tall hedge. Each, 60c; doz., \$6.00.

WEIGELA (Diervilla).—Weigelas are almost indispensable for ornamental planting. Produce a wealth of bell-shaped flowers in late May, and June. Each, 75c; doz., \$7.50.

WEIGELA EVA RATHKE.—Flowers, brilliant crimson. 5 to 6 feet. June. Each, 60c; doz., \$6.00.

WEIGELA CANDIDA.—Strong grower. White flowers, borne in great profusion. Bloom June to Autumn. 4 to 5 feet. Each, 60c; doz., \$6.00.



SPIREA VAN HOUTTEI.—One of the finest decorative shrubs in existence.

Hardy Vines and Climbers

AMPELOPSIS ENGLEMANNI (Improved Virginia Creeper).—Hardy, ornamental vine, climbing by tendrils. This variety has smaller leaves than the ordinary Virginia Creeper. It is self-clinging on brick walls, etc., and needs practically no attention as regards training. Leaves, red in Fall. Each, 60c; doz., \$6.00. (Mailing size, 60c, postpaid.)

AMPELOPSIS VEITCHII (Boston Ivy).—A beautiful vine, with neat, glossy foliage, which forms a perfect mat of green as the leaves overlap each other. Clings closely to walls of any material. Does best on north or west exposures. Turns to brilliant orange and scarlet shades in Autumn. Each, 50c; doz., \$5.00. (Mailing size, 50c, postpaid.)

ARISTOLOCHIA SIPHO (Dutchman's Pipe Vine). A rapid growing vine, with large heart-shaped deep green leaves. Its curious, yellowish brown, heart-shaped flowers, resemble a Dutch pipe. Attains a height of from 20 to 30 feet. Rapid grower. Each, 75c; doz., \$7.50. (Mailing size plants, 75c, postpaid.)

CLEMATIS JACKMANNI.—A beautiful and very popular vine, bearing a profusion of exceedingly attractive, rich, velvety violet-purple blooms. Well adapted for porches, trellises, and other situations. Each, 75c; doz., \$7.50. (Mailing size plants 75c each).

CLEMATIS PANICULATA.—The foliage of this well known vine is thick, handsome, and glossy. Its small, white, starry blossoms are borne in great profusion during July and August. A rapid climber. One of the best. Each, 60c; doz., \$6.00.

LONICERA SEMPERVIRENS, (Scarlet Trumpet Honeysuckle).—A very attractive climbing vine, bearing its large clusters of scarlet, tubular flowers, almost continuously from June till Autumn. Each, 60c; doz., \$6.00.

LONICERA BELGICA.—Flowers, red and yellow, blooming all summer. Each, 60c; doz., \$6.00.

LONICERA HALLEANA.—Flowers, pure white, later turning to golden yellow. Fragrant. Each, 60c; doz., \$6.00.



Beauty and Protection for the home grounds



A Fine Lawn is a Continual Joy

Now is a Good Time to Make or Renovate Lawns

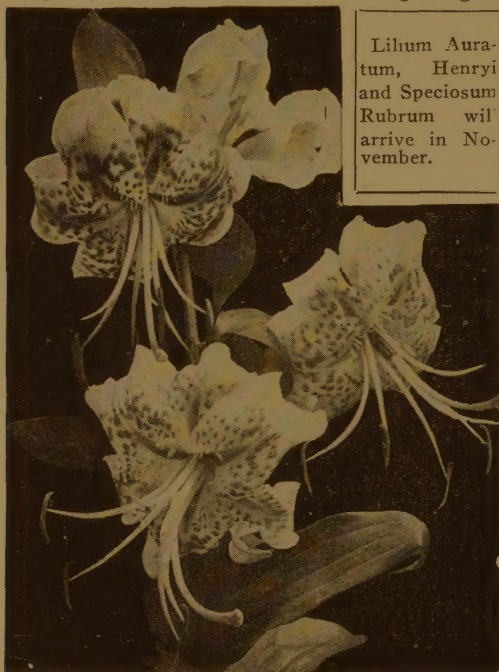
No matter where it is situated—whether in the crowded centres—in the more roomy suburbs or in the broadly generous country—any home or building lacks a harmonizing or artistic touch without a lawn. Nature's velvety, rich carpet of green is a wonder worker in that respect which bounteously repays in satisfaction and pleasure the time and care necessary for its existence. And every one can have a patch of green sward if they desire and have the place for it—because it is comparatively easy to make. The ground should be evenly graded and well drained, and if not rich enough should get a liberal dressing of well-rotted barnyard manure well worked into the soil. Rake the surface until it is quite smooth and even, and firm the soil by either rolling or treading. After the soil is quite smooth the ground should be loosened a quarter of an inch deep with a sharp-toothed rake to prepare it for the seed. Seed should be sown evenly on a calm day using one pound to every 350 square feet. After sowing, go over it again with the roller to press the seed into the soil, covering the seed as little as possible. If the weather is dry, give a good watering occasionally till the young grass is well established, and as soon as the grass is three inches high commence to use the lawn-mower and cut frequently. Thorough rolling is beneficial at any time. Good seed is one of the first essentials and this we aim to supply. Our mixtures contain only the finest varieties of imported natural grasses, carefully selected for purity, cleanliness and high percentage of germination.

Evergreen Lawn Grass

For the home grounds, also for private and public parks, this is a perfect mixture of dwarf growing evergreen grasses, and will produce a beautiful enduring turf. The different grasses are of permanent nature and carefully proportioned as to season. With our Evergreen mixture it is possible to produce a rich colored lawn in from 6 to 8 weeks, and which will continue to improve until retarded by the frosts of winter. Price per lb., postpaid, 70c. Write for special prices on large quantities.

MCDONALD'S PARK MIXTURE—This mixture, while not containing so much of the higher-priced grasses as our Evergreen Lawn Grass, will give excellent results. Price, per lb., pos. paid, 60c.

"SHADY NOOK" LAWN GRASS MIXTURE—A mixture of grasses which grow naturally in the woods, and of dwarf ever green growth. Recommended for sowing under trees and in shady places where ordinary grasses will not thrive. Price, per lb., postpaid, 90c.



Lilium Auratum, Henryi and Speciosum Rubrum will arrive in November.

Garden Lilies

LILLIES in their many forms are among the noblest and most beautiful of the herbaceous border. They thrive best in a position where they will get the benefit of the shade of surrounding plants. Light well-drained soil suits them best—some leaf-mould may be used to advantage. Bulbs should be planted about three times their own depth, and a small quantity of sand placed at the base of each. When hard frost sets in, protect with a light covering of leaves or litter. Lilies make splendid pot plants. Soil should consist of 3 parts friable loam, and one part leaf mould.

(Prices quoted are delivered.)

SPECIOSUM RUBRUM MAGNIFICUM—White, shaded rose, spotted crimson. Flowers are of large size and striking appearance. 2 feet. Protuse bloomer. Beautiful and satisfactory. Delivery November to May. Each, 35c; doz., \$3.50.

TIGRINUM SPLENDENS (Tiger Lily)—Rich orange-scarlet with black spots. 3 to 4 feet. Each, 20c; dozen, \$2.00.

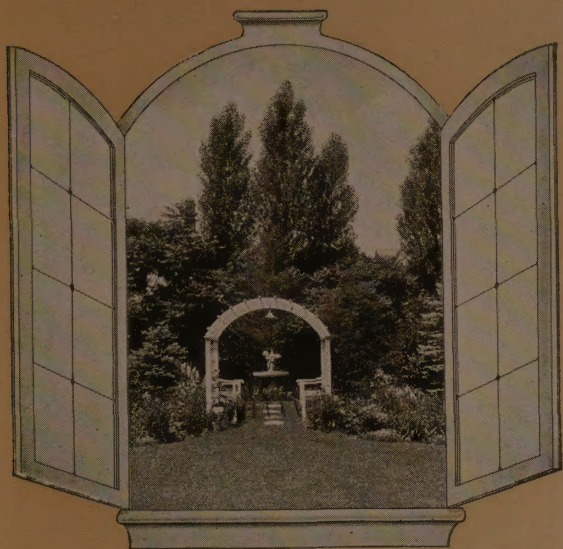
CANDIDUM (Madonna Lily)—Pure white, sweet-scented. The favorite lily of the old-fashioned garden. Height 2 to 4 feet. Plant September to November for fine crop following June. Each, 25c; dozen \$2.50.

AURATUM (Gold-banded Lily)—The grandest of all hardy lilies. Flower white, spotted maroon, with a band of bright

yellow through the centre of each petal. Height 2 to 5 feet. (Delivery, November to May.) Large bulbs. Each, 35c; doz., \$3.50.

LONGIFLORUM GIGANTEUM (White Trumpet Lily)—One of the most beautiful and valuable lilies we have for indoor growing. When planted in the garden in Spring, will bloom profusely in late summer. This is the best of the so-called Easter Lilies. Bears immense sweetly scented trumpet-shaped waxy-white flowers of great substance. Delivery, October to April. 1 to 3 feet. Each, 25c; doz., \$2.50.

HENRYI—Same form and appearance as the Speciosums, but bright orange-yellow. One of the best lilies for general culture. Hardy, robust, and long-lived. Delivery November to May, Each, 60c; doz., \$6.



WIZARD
TRADE MARK
BRAND
PULVERIZED
Sheep Manure

*For Everything
That Grows*

Fall is the time to use Wizard

Wizard Sheep Manure Makes Beautiful Lawns and Gardens

IF YOU want a more beautiful lawn and garden, plan to do most of your garden work in Fall instead of Spring. Fall planting in a rich fertile soil is, according to successful gardeners, the real secret of success. So plant everything you can in Fall—and let your first thought be the preparation of a rich fertile soil to develop the full possibilities of your garden.

The Best Lawns Are Made in the Fall

Fall is nature's time to sow grass seed and experts claim that the only way to secure a thick turf of the finer and more desirable grasses is to make your lawn in Fall as these grasses develop best during the cool Fall months. Many failures in lawn making are due to the hot dry summer weather following close upon late Spring sowing. Make changes that you have planned and plant perennials and shrubs in their permanent location. Set out fruit trees and bushes and if you want a beautiful display of tulips and other bulbs next Spring, you must plant now. All Fall work insures an established planting ready to start off rugged and strong with the first breath of Spring, fully a month or more before you can begin any planting in Spring.

A Fertile Soil Insures Success

Whatever you do, don't forget the needs of your plants, because you cannot get results on a poor wornout soil. Wizard Sheep Manure improves the soil and gives it just what it needs to make plants grow to perfection. Wizard is economical, convenient and absolutely weedless. One bag will prove as effective as a **WHOLE WAGON LOAD OF STABLE MANURE**. Use Wizard this Fall and you will have a better lawn and garden next Spring.



Beware of the inferior substitutes now on the market, which are being sold as Sheep Manure. If you want results and the best Sheep Manure on the market — insist on Wizard Brand. Wizard is genuine Sheep Manure and you can depend upon it for results.



Don't Plant Without Wizard Brand



WIZARD
TRADE BRAND MARK
PULVERIZED

Sheep Manure

DIRECTIONS:

Wizard is the safest and most effective manure for all plants. Use it according to directions and you will marvel at the increased beauty and productiveness of your plants.

In making new lawns, pulverize the surface soil well and broadcast at the rate of 6 to 10 pounds per 100 square feet, raking well into the surface soil. Sow seed and roll.

For renovating old lawns, use 6 pounds per 100 square feet and rake into the surface soil previous to sowing seed.

For garden planting, mix a small handful with the soil when planting each bulb and plant—larger amounts for shrubs and trees.

For making potting soil, mix thoroughly one part of Sheep Manure with six parts of soil.

Liquid Manure—for house plants and window boxes—is made by mixing one pound of Sheep Manure in five gallons of water. Use twice weekly.

Wizard in 2, 5 and 10 pound sealed bags will be found very convenient for house plants and window boxes.

Be sure you get Wizard

Kenneth McDonald & Sons, Ltd.

Ottawa, Ontario, Canada

PRICES

2 lb. bag.....	\$0.25	50 lb. bag.....	\$ 1.75
5 lb. bag.....	.50	100 lb. bag.....	3.25
25 lb. bag.....	1.00	¼ ton.....	15.00

Printed in U. S. A.

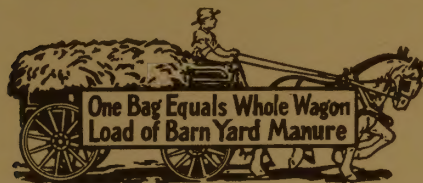
PLEASE NOTE —
The following lines
are at purchaser's ex-
pense for cost of
carriage unless oth-
erwise mentioned.

Horticultural Sundries

While space will not permit of a complete list of the many desirable lines and labor-saving devices we have to offer for both amateur and professional horticulturists, may we suggest that you write us for printed matter and prices pertaining to any other lines not here listed.

Fertilizers

WIZARD BRAND SHEEP MANURE—A natural fertilizer that supplies both the plant food and humus your soil needs for nature to work with. Experienced gardeners use all the manure they can get because of the life and fertility it puts into the soil. Sheep manure is the richest and best of all animal manures and Wizard Brand genuine sheep manure gives you the equivalent of a whole wagon load of stable manure,—in a bag.



FOR LAWN MAKING—It promotes a strong healthy turf of beautiful color,—is easily applied by anyone, and brings no weed seeds. An old lawn with a dressing of 6 to 8 pounds of Wizard to each 100 square feet, will assume life, color and beauty.

FOR FLOWER GARDENS—It is the best you can use for nothing will produce such color and foliage. Ten pounds for each 100 square feet is all you require. Price, 2 lbs., 25c; 5 lbs. 50c; 25 lb. sack, \$1.00; 50 lb. sack, \$1.75; 100 lb. sack, \$3.25. Not prepaid.

THOMPSON'S VINE, PLANT AND VEGETABLE MANURE—A safe and reliable food and stimulant for plants of every description; admirably adapted for mixing with the soil when potting in the proportion of 4 pounds to each wheelbarrow load of soil. Price, large tins 50c, postpaid, 75c; 7 lbs., \$1.00; 14 lbs., \$1.75; 28 lbs., \$3.25. In larger quantity write for prices.

PURE BONE MEAL—The very best fertilizer for use in potting soil for flowering bulbs. Finely ground. It decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial. Bone Meal forms an excellent permanent improvement and is less likely to waste than other fertilizers. It is safe and there is no danger of burning the plants or bulbs. Price, 5 lb. pkt., 50c; 10 lbs. 75c; 25 lbs. \$1.50; 100 lbs. \$4.50.

AUTO-SPRAY NO. 1—CAPACITY THREE GALLONS OF SOLUTION—The Auto Spray No. 1 is the best compressed air sprayer made. Strongly built and guaranteed to be satisfactory and without defect. Will handle all spraying solutions, and can be used in all kinds of work. Tank of heavy brass or galvanized steel. Seamless brass pump 2 inches in diameter. All parts are instantly accessible and easily replaced. Each machine equipped with 2 feet of 1-2-inch, 5-ply hose, including the famous Auto-Pop Nozzle,—a nozzle which does not, and cannot clog. Price galvanized tank with Auto-Pop Nozzle, \$7.50; with brass tank, \$11. Charges prepaid to purchaser's address.

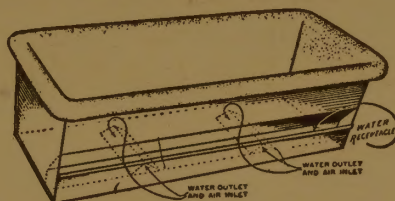


STIM-U-PLANT

PLANT STIMULANT TABLETS

Trade Mark Registered U. S. Patent Office. A Modern, Efficient and Scientific Method of Fertilizing Growing Plants.

Stim-U-Plant tablets enable the planter to keep development absolutely under control, for he can feed his plants as they need food. They increase production, hasten maturity, improve quality, and better the color of the plants and products at a cost of only a fraction of a cent for each application. Supplied in four sizes at following postpaid prices:—Trial size, 20c; 30 tablets, 35c; 100 tablets, \$1.00; 1,000 tablets, \$4.25.

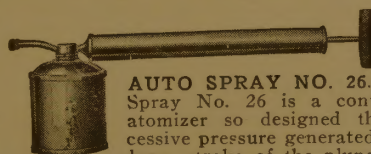


SUCCESS FLOWER BOX—A strongly made, water-tight, galvanized steel box, attractively finished with a baked-on enamel in dark green. Patented water-pocket runs full length of box, giving perfect moisture and air circulation. It does not leak or drip, but grows flowers to perfection.



Model-A is 8½ inches wide, 6¼ inches deep, and is supplied in following lengths:—24 inch, \$2.00; 30 inch, \$2.50; 36 inch, \$3.50; 42 inch, \$4.50.

NO-DRI-P HANGING BASKET—Covered with beautiful, everlasting, green moss. Has exclusive sub-irrigating feature, which gives proper moisture and perfect drainage without leak or drip. Prices, 6 inch, \$2.00; 7 inch, \$2.50; 9 inch, \$3.25; 14 inch, \$5.00.



AUTO SPRAY NO. 26—Auto Spray No. 26 is a continuous atomizer so designed that excessive pressure generated at the down stroke of the plunger, allows this Sprayer to generate a continuous mist-like spray. This is a decided advantage over ordinary atomizers, which are intermittent, in that spraying can be done more rapidly with much less exertion. Price postpaid, \$1.75.

Insecticides

SOX THE FINEST INSECTICIDE IN THE WORLD

"SOX" is Non-Poisonous, safe to use, and certain in effect. It is adhesive, penetrating, does not clog the sprayer, and is harmless to plant life.

It is rapid in action, killing insect pests, even the most stubborn, which it has been impossible to kill with other insecticides.

Its value is incomparable upon such pests as,—APHIS, GREEN & BLACK FLY, CATERPILLAR, WHITE FLY, WOOLLY APHIS, RED SPIDER, BLIGHT, MILDEW, etc.

"SOX" is supplied in tablet form.

SOX TABLETS—Particularly recommended for use under glass and for delicate foliage;—will be found of great value for Greenhouse, and house plants, also for outdoor use in small gardens.

Size	Tablets	Making Gals.	Price Post-Paid
1 contains	3	3	.35
2 contains	6	6	.60
3 contains	12	12	1.00
4 contains	24	24	1.75

BLACKLEAF 40—The common soft-bodied sucking insects are aphids (plant lice), thrips and leaf hoppers, attacking a variety of plants, roses, and other flowers, shrubs, fruits and vegetables. They may be controlled effectively by spraying with "Black Leaf 40," which is a concentrated solution of nicotine sulphate. 1 oz. bottle, 35c; ½ lb. tin, \$1.50; 2-lb. tin, \$3.75; 10-lb. tin, \$15.50.

NICO-FUME LIQUID—This is a highly refined solution of "free" nicotine. This may be used both for spraying and fumigating. Directions on each package. Price, ¼ lb. tin, 85c; 1 lb. tin, \$2.50; 8 lb. tin, \$16.

SULPHO-TOBACCO SOAP—This popular insecticide never fails to give satisfaction, and is recommended for the extermination of all insect life on plants and flowers, both in and out of doors. Price 3 oz. cake sufficient for 1½ gallons prepared solution, 15c, or postpaid, 20c; 8 oz. cake sufficient for 4 gallons prepared solution, 30c, or 35c postpaid.

GRAPE DUST—A powdered fungicide very efficient in destroying mildews and preventing blight. Price, 1 lb. carton, 40c; postpaid.

WHALE OIL SOAP, WITH TOBACCO—A very effective, simple and cheap preparation for the preservation of trees, shrubs, plants, vines, rose bushes, etc., from the ravages of insects. Lb. 35c; 5 lbs. \$1.25; 10 lbs. \$2.40.



ACME ATOMIZER—The most satisfactory fog sprayer at the price. Made of tin and galvanized iron. Useful for spraying flowers, shrubs, vegetables, and for applying fly-oil to animals. Each, 75c; postpaid, 95c.

DEMING 'SUCCESS' BUCKET SPRAY PUMP—This is without doubt the most popular bucket spray pump on the market today. A pump of this type is practically indispensable for spraying flowers, vegetables, trees, or for applying whitewash. All working parts brass—fully guaranteed. Price prepaid, \$8.50.



Irises from Maplewood. (see page 5.)



*Iris Garden
Central Experimental Farm
Ottawa.*